



CENTRAL TECHNOLOGIES

Manufacturer of Passive Components

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Catalog of Passive Components

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Manufacturer of Passive Components

800-684-5322 Inside US 949-453-1811 Outside US

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Surface Mount RF Magnetics

Air Coil Inductors

02-036F



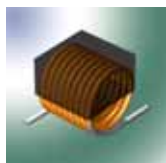
Description: SMD air core inductor.

Applications: Pagers, cordless phones, high frequency communication products, intercom, and CATV.

RoHS Compliant

Inductance: 90nH ~ 538nH
 Test Freq: 50MHz
 SRF: >0.4GHz ~ >1.0GHz
 DCR: 41.6mΩ ~ 8.20mΩ
 IDC: 2.0A ~ 3.5A
 Size: 9.0L x 4.4W x 4.6H (mm)
 0.354L x 0.173W x 0.181H (in)

02-037F



Description: SMD air core inductor.

Applications: Pagers, cordless phones, high frequency communication products, intercom, CATV.

RoHS Compliant

Inductance: 22nH ~ 120nH
 Test Freq: 150MHz
 SRF: 1.10MHz ~ 3.20MHz
 DCR: 4.7mΩ ~ 10.7mΩ
 IDC: 2.2A ~ 3.2A
 Size: 4.7L x 3.5W x 3.5H (mm)
 0.185L x 0.138W x 0.138H (in)

02-304F



Description: SMD Air Coil Inductor.

Applications: Designed to operate a wide frequency range application. Also designed to operate a high Q applications.

RoHS Compliant

Inductance: 1.65nH ~ 12.55nH
 Test Freq: 800MHz
 Q Fact Min: 100
 SRF Min: 3.0GHz
 Size: see website for more info.

02-038F



Description: SMD air core "spring" inductor.

Applications: Designed to operate a wide frequency range application. Also designed to operate a high Q applications.

Engineering Kit Available

RoHS Compliant

Inductance: 2.5nH ~ 43nH
 Test Freq: 150MHz
 Q Fact Min: 106 ~ 145
 SRF: 1.2GHz ~ 12.5GHz
 Size (CTA): 3.68L x 3.05W x 3.18H (mm)
 0.14L x 0.12W x 0.13H (in)
 Size (CTB): 6.86L x 3.05W x 3.18H (mm)
 0.27L x 0.12W x 0.13H (in).

Chip Beads - Multi-layer

02-000F



Description: Standard multi-layer ferrite chip beads.

Applications: Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics.

Engineering Kit Available

RoHS Compliant

Impedance: 6.0Ω ~ 2200Ω
 Test Freq: 100MHz
 DCR: 0.05Ω ~ 1.5Ω
 Current: 100mA ~ 600mA
 Sizes: 0402 (1005), 0603(1608),
 English (Metric) 0805 (2012), 1206 (3216),
 1210 (3225), 1806 (4516),
 1812 (4532)

02-001F



Description: High Speed multi-layer ferrite chip beads.

Applications: Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics.

RoHS Compliant

Impedance: 6Ω ~ 2200Ω
Test Freq: 100MHz
DCR: 0.10Ω ~ 1.0Ω
Current: 50mA ~ 800mA
Sizes: 0402 (1005), 0603(1608),
English (Metric) 0805 (2012), 1206 (3216)

Common Mode Chokes

02-002F



Description: SMD Wire-wound Common Mode Choke Coils for Signal Lines.

Applications: Suitable for radiation noise suppression for any electronic devices. Used to counter common mode noise interference within high speed signal lines.

RoHS Compliant Parts Available

Impedance: 30Ω ~ 370Ω
Test Freq: 100MHz
DCR: 0.20Ω ~ 0.50Ω
Rated Current: 100mA ~ 400mA
Rated Voltage: 50Vdc
Size: 2.0L x 1.2W x 1.2H (mm)
0.079L x 0.047W x 0.047H (in)

02-003F



Description: SMD Wire-wound Common Mode Choke Coils for Signal Lines.

Applications: Suitable for radiation noise suppression for any electronic devices. Used to counter common mode noise interference within high speed signal lines.

RoHS Compliant Parts Available

Impedance: 90Ω ~ 600Ω
Test Freq: 100MHz
DCR: 0.30Ω ~ 0.80Ω
Rated Current: 260mA ~ 400mA
Rated Voltage: 50Vdc
Size: 3.2L x 1.6W x 2.0H (mm)
0.125L x 0.063W x 0.079H (in)

Common Mode Filters

02-004F



Description: SMD Common Mode Filters.

Applications: Noise suppression in digital bus line equipment. IEEE 1394a HUB & IEEE 1394 control lines. USB host controller & USB, HUB control lines.

RoHS Compliant

Impedance: 70Ω ~ 220Ω
Test Freq: 100MHz
DCR: 0.60Ω ~ 1.00Ω
Rated Current: 330mA ~ 400mA
Rated Voltage: 10V
Size: 2.0L x 1.25W x 1.0H (mm)
0.08L x 0.05W x 0.04H (in)

Laser Cut Inductors

02-005F



Description: SMD laser cut chip inductors.

Applications: Cellular phones, bluetooth, cable modem and other electronic devices, etc.

RoHS Compliant

Inductance: 1.0nH ~ 100nH
Test Freq: 100MHz
SRF: 1200MHz ~ 6000MHz
DCR: 0.05Ω ~ 5.5Ω
Current: 90mA ~ 400mA
Size: 1.0L x 0.5W x 0.5H (mm)
0.04L x 0.02W x 0.02H (in)

Surface Mount RF Magnetics

02-006F



Description: SMD laser cut chip inductors.

Applications: Cellular phones, bluetooth, cable modem and other electronic devices, etc.

RoHS Compliant

Inductance: 1.0nH ~ 100nH
 Test Freq: 100MHz
 SRF: 1300MHz ~ 6000MHz
 DCR: 0.06Ω ~ 1.8Ω
 Current: 200mA ~ 500mA
 Size: 1.6L x 0.8W x 0.8H (mm)
 0.06L x 0.03W x 0.03H (in)

Multi-layer Chip Inductors - Ceramic

02-007F



Description: Ceramic core, multi-layer chip inductors for high frequency applications.

Applications: Cellular telephones, cordless telephones, pagers, computer communications, radar detectors, automotive electronics, keyless remotes and miscellaneous high-frequency circuits.

RoHS Compliant

Inductance: 1.0nH ~ 120nH
 Test Freq: 100MHz
 SRF: 2000MHz ~ 13000MHz
 DCR: 200mΩ ~ 1700mΩ
 IDC: 200mA ~ 300mA
 Size: 0.6L x 0.3W x 0.3H (mm)
 0.02L x 0.01W x 0.01H (in)

02-010F



Description: Ceramic core, multi-layer chip inductors for high frequency applications.

Applications: Portable telephones, PMS, pagers and miscellaneous high-frequency circuits.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0nH ~ 120nH
 Test Freq: 50MHz ~ 100MHz
 SRF: 750MHz ~ 13500MHz
 DCR: 0.10Ω ~ 2.5Ω
 Current: 100mA ~ 300mA
 Size: 1.0L x 0.5W x 0.5H (mm)
 0.04L x 0.02W x 0.02H (in)

02-011F



Description: Ceramic core, multi-layer chip inductors for high frequency applications.

Applications: Portable telephones, PMS, pagers and miscellaneous high-frequency circuits.

RoHS Compliant Parts Available

Inductance: 1.2nH ~ 270nH
 Test Freq: 50MHz ~ 100MHz
 SRF: 400MHz ~ 10000MHz
 DCR: 0.05Ω ~ 1.5Ω
 Current: 300mA ~ 1000mA
 Size: 1.6L x 0.8W x 0.8H (mm)
 0.06L x 0.03W x 0.03H (in)

02-012F



Description: Ceramic core, multi-layer chip inductors for high frequency applications.

Applications: Portable telephones, PMS, pagers and miscellaneous high-frequency circuits.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.0nH ~ 180nH
 Test Freq: 50MHz ~ 800MHz
 SRF: 520MHz ~ 10000MHz
 DCR: 0.1Ω ~ 2.7Ω
 Current: 250mA ~ 500mA
 Size: 1.6L x 0.8W x 0.8H (mm)
 0.6L x 0.3W x 0.3H (in)

02-013F



Description: Ceramic core, multi-layer chip inductors for high frequency applications.

Applications: Portable telephones, PMS, pagers and miscellaneous high-frequency circuits.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.5nH ~ 470nH
Test Freq: 50MHz ~ 100MHz
SRF: 250MHz ~ >6000MHz
DCR: 0.1Ω ~ 1.8Ω
Current: 300mA
Size: 2.0L x 1.2W x 0.85H (mm)
0.08L x 0.05W x 0.03H (in)

02-014F



Description: Ceramic core, multi-layer chip inductors for high frequency applications.

Applications: Portable telephones, PMS, pagers and miscellaneous high-frequency circuits.

RoHS Compliant Parts Available

Inductance: 1.5nH ~ 680nH
Test Freq: 100MHz
SRF: 180MHz ~ 7000MHz
DCR: 0.1Ω ~ 5.5Ω
Current: 50mA ~ 300mA
Size: 2.0L x 1.25W (mm)
0.08L x 0.05W (in)

Multi-layer Chip Inductors - Ferrite

02-290F



Description: Ferrite core, multi-layer chip inductors. Magnetic shielded.

Applications: Prevention of electromagnetic interference to signals on the secondary side of electronic equipment. Noise suppression in HDTV, portable device, computer and peripheral device.

RoHS Compliant

Inductance: 0.12μH ~ 2.7μH
Test Freq: 25MHz
SRF: 100MHz ~ 520MHz
DCR: 450mΩ ~ 1500mΩ
Current: 20mA ~ 50mA
Size: 1.0L x 0.5W x 0.5H (mm)
0.04L x 0.02W x 0.02H (in)

02-015F



Description: Ferrite core, multi-layer chip inductors.

Applications: LC resonant circuits such as oscillator & signal generators, RF filters, disk drives, audio & video equipment, TV, radio & telecommunication equipment.

Engineering Kit Available

RoHS Compliant

Inductance: 0.047μH ~ 33μH
Test Freq: 1.0MHz ~ 50MHz
SRF: 9.0MHz ~ 260MHz
DCR: 0.3Ω ~ 2.9Ω
Current: 1.0mA ~ 50mA
Size: 1.6L x 0.8W x 0.8H (mm)
0.06L x 0.031W x 0.031H (in)

02-016F



Description: Ferrite core, multi-layer chip inductors.

Applications: LC resonant circuits such as oscillator & signal generators, RF filters, disk drives, audio & video equipment, TV, radio & telecommunication equipment.

Engineering Kit Available

RoHS Compliant

Inductance: 0.047μH ~ 33μH
Test Freq: 0.4MHz ~ 50MHz
SRF: 13MHz ~ 320MHz
DCR: 0.2Ω ~ 1.2Ω
Current: 5.0mA ~ 300mA
Size: 2.0L x 1.25W x 1.25H (mm)
0.08L x 0.05W x 0.05H (in)

Surface Mount RF Magnetics

02-017F



Description: Ferrite core, multi-layer high current chip inductors. Magnetic shielded.

Applications: LC resonant circuits such as oscillator & signal generators, RF filters, disk drives, audio & video equipment, TV, radio & telecommunication equipment.

RoHS Compliant

Inductance: 2.2 μ H ~ 100 μ H
 Test Freq: 2.52MHz ~ 7.96MHz
 DCR: 0.114 Ω ~ 3.9 Ω
 Isat1: 30mA ~ 240mA
 Isat2: 60mA ~ 400mA
 Irms: 160mA ~ 900mA
 Size: 2.0L x 1.25W x 1.25H(mm)
 0.08L x 0.05W x 0.05H (in)

02-018F



Description: Ferrite core, multi-layer chip inductors.

Applications: LC resonant circuits such as oscillator & signal generators, RF filters, disk drives, audio & video equipment, TV, radio & telecommunication equipment.

Engineering Kit Available

RoHS Compliant

Inductance: 0.047 μ H ~ 33 μ H
 Test Freq: 0.4MHz ~ 50MHz
 SRF: 13MHz ~ 320MHz
 DCR: 0.15 Ω ~ 1.0 Ω
 Current: 5.0mA ~ 300mA
 Size: 3.2L x 1.6W x 1.3H (mm)
 0.13L x 0.06W x 0.05H (in)

Thin Film Chip Inductor

02-019F



Description: SMD thin film chip inductor.

Applications: Cellular Telephones, pagers, GPS products, wireless LAN and other communication appliances, VCO, TCXO circuit and RF Transceiver Module.

RoHS Compliant

Inductance: 0.1nH ~ 10nH
 L Test Freq: 500MHz
 DCR: 0.2 Ω ~ 3.5 Ω
 SRF: 2.0GHz ~ 9.0GHz
 Size: 0.60L x 0.30W x 0.23H (mm)
 0.02L x 0.01W x 0.009H (in)

02-020F



Description: SMD thin film chip inductor.

Applications: Cellular Telephones, pagers, GPS products, wireless LAN and other communication appliances, VCO, TCXO circuit and RF Transceiver Module.

RoHS Compliant

Inductance: 0.2nH ~ 33nH
 L Test Freq: 500MHz
 DCR: 0.1 Ω ~ 2.5 Ω
 SRF: 3.75GHz ~ 6.00GHz
 Size: 1.0L x 0.5W x 0.35H (mm)
 0.04L x 0.02W x 0.01H (in)

02-021F



Description: SMD thin film chip inductor.

Applications: Cellular Telephones, pagers, GPS products, wireless LAN and other communication appliances, VCO, TCXO circuit and RF Transceiver Module.

RoHS Compliant

Inductance: 1.0nH ~ 68nH
 Test Freq: 300MHz
 DCR: 0.2 Ω ~ 5.0 Ω
 SRF: 1.0GHz ~ 6.0GHz
 Size: 1.6L x 0.8W x 0.45H (mm)
 0.06L x 0.03W x 0.02H (in)

Wire-wound Chip Inductors - Open

02-022F



Description: SMD ceramic core wire-wound chip inductor.
Applications: Telecommunication equipment, mobile phones, small size pagers, computers, printers & relevant equipment. Also, audio & video applications and automotive electronic industry and high frequency applications.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0nH ~ 120nH
 Test Freq: 250MHz
 SRF: 1200MHz ~ >6000MHz
 DCR: 0.04Ω ~ 2.35Ω
 Current: 140mA ~ 1000mA
 Size: 1.0L x 0.68W x 0.55H (mm)
 0.04L x 0.03W x 0.02H (in)

02-023F



Description: SMD ceramic core wire-wound chip inductor.
Applications: Telecommunication equipment, mobile phones, small size pagers, computers, printers & relevant equipment. Also, audio & video applications and automotive electronic industry and high frequency applications.

Engineering Kit Available

RoHS Compliant

Inductance: 1.6nH ~ 390nH
 L Test Freq: 100MHz ~ 250MHz
 SRF: 900MHz ~ 12500MHz
 DCR: 0.03Ω ~ 4.35Ω
 Rated DC: 100mA ~ 700mA
 Size: 1.80L x 1.12W x 1.02H (mm)
 0.071L x 0.044W x 0.04H (in)

02-024F



Description: SMD ceramic core wire-wound chip inductor.
Applications: Telecommunication equipment, mobile phones, small size pagers, computers, printers & relevant equipment. Also, audio & video applications and automotive electronic industry and high frequency applications.

RoHS Compliant Parts Available

Inductance: 1.6nH ~ 24nH
 Test Freq: 250MHz
 SRF: 2400MHz ~ 12500MHz
 DCR: 0.03Ω ~ 0.105Ω
 IDC: 1800mA ~ 2400mA
 Size: 1.8L x 1.12W x 1.02H (mm)
 0.071L x 0.044W x 0.04H (in)

02-025F



Description: SMD ferrite core wire-wound chip inductor.
Applications: Telecommunication equipment, mobile phones, small size pagers, computers, printers & relevant equipment. Also, audio & video applications and automotive electronic industry and high frequency applications.

RoHS Compliant Parts Available

Inductance: 47nH ~ 10000nH
 Test Freq: 7.9MHz
 SRF: 40MHz ~ 1700MHz
 DCR: 0.075Ω ~ 4.8Ω
 IDC: 300mA ~ 1500mA
 Size: 1.8L x 1.25W x 1.02H (mm)
 0.071L x 0.049W x 0.04H (in)

02-026F



Description: SMD shielded wire-wound chip inductor.
Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 0.78μH ~ 47μH
 L Test Freq: 100kHz
 SRF: 12MHz ~ 475MHz
 DCR: 0.24Ω ~ 5.69Ω
 Isat: 0.10A ~ 0.55A
 Irms: 0.18A ~ 1.30A
 Size: 2.59L x 2.08W x 1.8H (mm)
 0.10L x 0.08W x 0.07H (in)

Surface Mount RF Magnetics

02-027F



Description: SMD ceramic core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

Engineering Kit Available

RoHS Compliant

Inductance: 2.2nH ~ 2700nH
 L Test Freq: 7.9MHz ~ 250MHz
 SRF: 50MHz ~ 7900MHz
 DCR: 0.08Ω ~ 2.95Ω
 Current: 150mA ~ 600mA
 Size: 2.29L x 1.73W x 1.52H (mm)
 0.09L x 0.07W x 0.06H (in)

02-028F



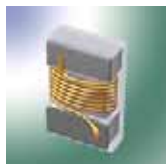
Description: SMD wire-wound chip inductor (High Q).

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant Parts Available

Inductance: 2.5nH ~ 51nH
 Test Freq: 250MHz
 SRF: 1400MHz ~ 6000MHz
 DCR: 0.02Ω ~ 0.12Ω
 Rated DC: 1000mA ~ 1600mA
 Size: 2.29L x 1.78W x 1.52H (mm)
 0.09L x 0.07W x 0.06H (in)

02-029F



Description: SMD ceramic core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 1.8nH ~ 1000nH
 Test Freq: 25MHz ~ 250MHz
 SRF: 330MHz ~ 9400MHz
 DCR: 0.03Ω ~ 2.6Ω
 Rated DC: 300mA ~ 800mA
 Size: 2.29L x 1.73W x 1.1H (mm)
 0.09L x 0.068W x 0.043H (in)

02-030F



Description: SMD ferrite core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 78nH ~ 47000nH
 L Test Freq: 2.5MHz ~ 7.9MHz
 SRF: 15MHz ~ 1440MHz
 DCR: 0.06Ω ~ 14.5Ω
 Rated DC: 180mA ~ 2000mA
 Size: 2.29L x 1.6W x 1.52H (mm)
 0.09L x 0.060W x 0.06H (in)

02-031F



Description: SMD ferrite core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 78nH ~ 47000nH
 L Test Freq: 2.5MHz ~ 7.9MHz
 SRF: 15MHz ~ 1440MHz
 DCR: 0.06Ω ~ 14.5Ω
 Rated DC: 180mA ~ 2000mA
 Size: 2.29L x 1.6W x 1.52H (mm)
 0.09L x 0.060W x 0.06H (in)

02-032F



Description: SMD ceramic core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

Engineering Kit Available

RoHS Compliant

Inductance: 3.9nH ~ 10000nH
Test Freq: 7.9MHz ~ 50MHz
SRF: 25MHz ~ 6000MHz
DCR: 0.05Ω ~ 12Ω
Current: 100mA ~ 1100mA
Size: 2.92L x 2.79W x 2.10H (mm)
0.12L x 0.12W x 0.08H (in)

02-033F



Description: SMD wire-wound chip inductor (High Q).

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 3.0nH ~ 100nH
Test Freq: 50MHz
SRF: 820MHz ~ 6000MHz
DCR: 0.04Ω ~ 0.16Ω
Current: 1000mA ~ 16000mA
Size: 2.92L x 2.79W x 2.03H (mm)
0.115L x 0.110W x 0.08H (in)

02-034F



Description: SMD ferrite core wire-wound inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 15μH
Test Freq: 7.9MHz
SRF: 38MHz ~ 230MHz
DCR: 0.62Ω ~ 2.40Ω
Current: 300mA ~ 700mA
Size: 2.99L x 2.79W x 2.2H (mm)
0.118L x 0.110W x 0.087H (in)

02-035F



Description: SMD high current wire-wound chip inductor.

Applications: Telecommunication equipment, mobile phones, small size pagers, computers, printers and relevant equipment. Also, audio & video applications and the automotive electronics industry. High frequency applications.

RoHS Compliant

Inductance: 3.3nH ~ 1200nH
Test Freq: 35MHz ~ 100MHz
SRF: 380MHz ~ 6000MHz
DCR: 0.05Ω ~ 3.2Ω
IDC: 300mA ~ 1000mA
Size: 3.56L x 2.16W x 1.52H (mm)
0.14L x 0.085W x 0.060H (in)

02-283F



Description: SMD Wire-wound chip inductor.

Applications: TVs, HDDs, digital cameras, computer peripherals, telecommunication devices and electronic control boards for automobiles.

RoHS Compliant

Inductance: 1.0μH ~ 18μH
Test Freq: 0.796MHz ~ 7.96MHz
SRF: 8.0MHz ~ 120MHz
DCR: 0.70Ω ~ 14.0Ω
Isat: 0.073A ~ 0.40A
Size: 3.3L x 2.5W x 2.2H (mm)
0.13L x 0.10W x 0.087H (in)

Surface Mount RF Magnetics

Wire-wound Chip Inductors - Molded

02-042F



Description: Ferrite core, wire-wound molded chip inductor.
Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant Parts Available

Inductance: 0.01 μ H ~ 100 μ H
 Test Freq: 0.796MHz ~ 100MHz
 SRF: 12MHz ~ 2150MHz
 DCR: 0.26 Ω ~ 21 Ω
 Current: 60mA ~ 530mA
 Size: 2.5L x 2.0W x 1.8H (mm)
 0.10L x 0.08W x 0.07 (in)

02-043F



Description: Ferrite core wire-wound molded chip inductor.
Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 0.01 μ H ~ 330 μ H
 Test Freq: 0.796MHz ~ 100MHz
 SRF: 5.0MHz ~ 2500MHz
 DCR: 0.13 Ω ~ 34 Ω
 Current: 40mA ~ 450mA
 Size: 3.2L x 2.5W x 2.2H (mm)
 0.13L x 0.10W x 0.09H (in)

02-044F



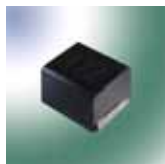
Description: Ferrite core wire-wound molded chip inductor.
Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

Engineering Kit Available

RoHS Compliant

Inductance: 0.10 μ H ~ 1000 μ H
 Test Freq: 0.252MHz ~ 25.2MHz
 SRF: 2.5MHz ~ 300MHz
 DCR: 0.18 Ω ~ 40 Ω
 Current: 30mA ~ 800mA
 Size: 4.5L x 3.2W x 3.2H (mm)
 0.18L x 0.13W x 0.13H (in)

02-045F



Description: Ferrite core wire-wound molded chip inductor.
Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant

Inductance: 1200 μ H ~ 10000 μ H
 Test Freq: 0.0796MHz ~ 0.252MHz
 SRF: 0.5MHz ~ 1.5MHz
 DCR: 17 Ω ~ 150 Ω
 Current: 25mA ~ 75mA
 Size: 5.9L x 5.2W x 4.2H (mm)
 0.232L x 0.205W x 0.165H (in)

02-046F



Description: Ferrite core wire-wound molded chip inductor.
Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant

Inductance: 0.10 μ H ~ 470 μ H
 Test Freq: 0.796MHz ~ 100MHz
 SRF: 4.0MHz ~ 700MHz
 DCR: 0.44 Ω ~ 40 Ω
 Current: 25mA ~ 450mA
 Size: 3.2L x 2.5W x 2.2H (mm)
 0.13L x 0.10W x 0.09H (in)

Conformal Coated Inductors - Axial

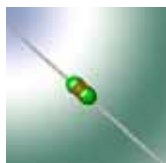
02-047F



Description: Axial leaded conformal coated inductor.
Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications.
RoHS Compliant

Inductance: 0.22 μ H ~ 220 μ H
Test Freq: 0.796MHz ~ 25.2MHz
SRF: 5.0MHz ~ 150MHz
DCR: 0.40 Ω ~ 20 Ω
Rated DC: 35mA ~ 400mA
Size: 2.2D x 3.4L (mm)
0.09D x 0.135L (in)

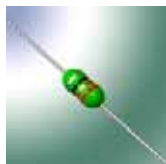
02-048F



Description: Axial leaded conformal coated inductor.
Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications.
RoHS Compliant

Inductance: 0.10 μ H ~ 1000 μ H
Test Freq: 0.79MHz ~ 25MHz
SRF: 3.4MHz ~ 680MHz
DCR: 0.08 Ω ~ 72 Ω
Rated DC: 28mA ~ 1380mA
Size: 2.3D x 6.22L (mm)
0.09D x 0.245L (in)

02-049F



Description: Axial leaded conformal coated inductor.
Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications.
Engineering Kit Available
RoHS Compliant

Inductance: 0.022 μ H ~ 1000 μ H
Test Freq: 0.796MHz ~ 50MHz
SRF: 1.2MHz ~ 500MHz
DCR: 0.01 Ω ~ 30 Ω
Rated DC: 60mA ~ 1400mA
Size: 2.8D x 6.6L (mm)
0.11D x 0.26L (in)

02-050F



Description: Axial leaded conformal coated inductor.
Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications.
RoHS Compliant

Inductance: 0.10 μ H ~ 1000 μ H
Test Freq: 0.796MHz ~ 25.2MHz
SRF: 1.4MHz ~ 320MHz
DCR: 0.15 Ω ~ 17 Ω
Rated DC: 100mA ~ 1750mA
Size: 4.06D x 9.53L (mm)
0.16D x 0.375L (in)

02-051F



Description: Axial leaded conformal coated inductor.
Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications.
RoHS Compliant

Inductance: 0.10 μ H ~ 10000 μ H
Test Freq: 0.252MHz ~ 25.2MHz
SRF: 0.35MHz ~ 380MHz
DCR: 0.08 Ω ~ 105 Ω
Rated DC: 25mA ~ 1600mA
Size: 4.06D x 9.4L (mm)
0.16D x 0.37L (in)

Surface Mount RF Magnetics

02-052F



Description: Axial leaded conformal coated inductor.

Applications: Used in less harsh environments. Ideal for less critical RFL/EMI applications.

RoHS Compliant

Inductance: 1.0 μ H ~ 10000 μ H
 Test Freq: 0.25MHz ~ 7.9MHz
 SRF: 0.47MHz ~ 140MHz
 DCR: 0.07 Ω ~ 137 Ω
 Rated DC: 49mA ~ 1900mA
 Size: 4.44D x 9.52L (mm)
 0.175D x 0.375L (in)

Flat Coils - Radial

02-053F



Description: Radial leaded High Q Flat RF Choke.

Applications: Ideally suited for use in high density printed circuit board assemblies. Offers twice the inductances and Q values as axial leaded inductors.

RoHS Compliant

Inductance: 1.0 μ H ~ 10000 μ H
 Test Freq: 0.25MHz ~ 7.9MHz
 DCR: 0.01 Ω ~ 70 Ω
 Rated DC: 0.7A ~ 7.0A
 Size: 10.1L x 3.81W x 8.9H (mm)
 0.4LH x 0.15W x 0.35H (in)

Molded Inductors - Axial

02-054F



Description: Axial leaded molded inductor.

Applications: Used for various kinds of OSC & TRAP coils. Ideal for various RF applications.

Engineering Kit Available

RoHS Compliant

Inductance: 0.022 μ H ~ 1000 μ H
 Test Freq: 0.79MHz ~ 50MHz
 SRF: 3.4MHz ~ 900MHz
 DCR: 0.02 Ω ~ 72 Ω
 Rated DC: 28mA ~ 2400mA
 Size: 2.41D x 6.35L (mm)
 0.1D x 0.25L (in)

02-055F



Description: Axial leaded molded inductor.

Applications: Used for various kinds of OSC & TRAP coils. Ideal for various RF applications.

Engineering Kit Available

RoHS Compliant

Inductance: 0.10 μ H ~ 1000 μ H
 Test Freq: 0.79MHz ~ 25MHz
 SRF: 2.3MHz ~ 525MHz
 DCR: 0.03 Ω ~ 33 Ω
 Rated DC: 82mA ~ 2740mA
 Size: 3.96D x 9.52L (mm)
 0.16D x 0.38L (in)

02-056F



Description: Axial leaded molded inductor.

Applications: Used for various kinds of OSC & TRAP coils. Ideal for various RF applications.

RoHS Compliant

Inductance: 0.15 μ H ~ 1000 μ H
 Test Freq: 0.79MHz ~ 25MHz
 SRF: 2.8MHz ~ 510MHz
 DCR: 0.03 Ω ~ 16 Ω
 Rated DC: 78mA ~ 3050mA
 Size: 4.82D x 11.2L (mm)
 0.19D x 0.44L (in)

02-057F



Description: Axial leaded molded inductor.

Applications: Used for various kinds of OSC & TRAP coils.

RoHS Compliant

Inductance: 1.0μH ~ 18,000μH
Test Freq: 1.0kHz
DCR: 0.009Ω ~ 40Ω
Current Rating: 0.09A ~ 6.27A
Incr: 0.05A ~ 6.4A
Size: 6.10D x 18.8L (mm)
0.24D x 0.74L (in)

Shielded Inductors - Axial

02-058F



Description: Axial leaded molded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications.

RoHS Compliant

Inductance: 0.10μH ~ 1000μH
Test Freq: 0.79MHz ~ 25MHz
SRF: 4.0MHz ~ 400MHz
DCR: 0.071Ω ~ 39Ω
Rated DC: 67mA ~ 1580mA
Size: 2.8D x 6.6L (mm)
0.11D x 0.26L (in)

02-059F



Description: Axial leaded molded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications.

RoHS Compliant

Inductance: 0.10μH ~ 10000μH
Test Freq: 0.25MHz ~ 25MHz
SRF: 1.5MHz ~ 500MHz
DCR: 0.112Ω ~ 168Ω
Rated DC: 31.6mA ~ 1720mA
Size: 3.3D x 8.4L (mm)
0.13D x 0.33L (in)

02-060F



Description: Axial leaded molded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications.

Engineering Kit Available

RoHS Compliant

Inductance: 0.10μH ~ 100000μH
Test Freq: 0.079MHz ~ 25MHz
SRF: 0.11MHz ~ 250MHz
DCR: 0.02Ω ~ 678Ω
Rated DC: 22mA ~ 3000mA
Size: 4.06D x 10.4L (mm)
0.16D x 0.41L (in)

02-258F



Description: Axial leaded molded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications. Higher DC current than CTS3 series.

RoHS Compliant

Inductance: 0.10μH ~ 150000μH
Test Freq: 1.0kHz ~ 25MHz
SRF: 0.18MHz ~ 400MHz
DCR: 0.02Ω ~ 560Ω
Rated DC: 15mA ~ 3000mA
Size: 4.06D x 11.4L (mm)
0.16D x 0.45L (in)

Surface Mount RF Magnetics

02-061F



Description: Axial leaded molded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications. Higher DC current than CTS3 series.

Engineering Kit Available

RoHS Compliant

Inductance: 0.10 μ H ~ 150000 μ H
 Test Freq: 1.0kHz ~ 25MHz
 SRF: 0.18MHz ~ 400MHz
 DCR: 0.02 Ω ~ 560 Ω
 Rated DC: 15mA ~ 3000mA
 Size: 4.06D x 11.4L (mm)
 0.16D x 0.45L (in)

02-062F



Description: Axial leaded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications.

RoHS Compliant

Inductance: 1.0 μ H ~ 100 μ H
 Test Freq: 2.5MHz ~ 7.9MHz
 SRF: 20MHz ~ 200MHz
 DCR: 0.05 Ω ~ 3.10 Ω
 Rated DC: 280mA ~ 2200mA
 Size: 3.81D x 11.4L (mm)
 0.15D x 0.45L (in)

02-063F



Description: Axial leaded (shielded) inductor.

Applications: Used for high reliability applications. Vital for telecommunication applications. Ideal for various RF applications.

RoHS Compliant

Inductance: 250 μ H ~ 1000 μ H
 Test Freq: 1.0kHz
 INCR Current: 30mA ~ 60mA
 DCR: 0.17 Ω ~ 0.80 Ω
 DC Current: 610mA ~ 1330mA
 Size: 6.86D x 13.5L (mm)
 0.27D x 0.53L (in)

Tunable Band Pass Filters

02-064F



Description: Tunable Band Pass Filter - Triple Tuned.

Applications: Digital Broadcast Satellite, CATV, Cellular Mobile Telecom, Wireless Satellite Network, etc.

RoHS Compliant

Center Freq.: 360MHz~1230MHz
 Ripple: 1dB
 Impedance: 50 Ω
 Return Loss: 12dB
 Size: 5.6L x 16.7W x 8.6H (mm)
 0.22L x 0.66W x 0.34H (mm)

Wide Band Chokes - Axial

02-065F



Description: Wide band wire-wound beads.

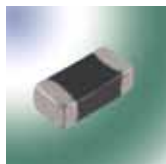
Applications: Used for EMI and RF filtering applications. Also used in RF circuits to subdue "parasitic oscillation" at VHF and UHF.

RoHS Compliant Parts Available

Impedance: 375 Ω ~ 675 Ω
 Test Freq: 100MHz
 No. Of Turns: 1.5, 2.0, 2.5, 3.0 & 2x1.5
 Lead Wire Size: 24 (AWG)
 Wire Length: 38.1 (mm)
 1.5 (in)
 Core Size: 6.0D x 10.0L (mm)
 0.24D x 0.4L (in)

Chip Beads - Multi-layer

02-066F



Description: Medium Current multi-layer ferrite chip beads.

Applications: Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics.

RoHS Compliant

Impedance: 7.0Ω ~ 2000Ω
 Test Freq: 30MHz ~ 100MHz
 DCR: 0.03Ω ~ 0.55Ω
 Current: 200mA ~ 1000mA
 Sizes: 0603(1608), 0805 (2012),
 English (Metric) 1206 (3216), 1210 (3225),
 1806 (4516), 1812 (4532)

02-067F



Description: Power multi-layer ferrite chip beads.

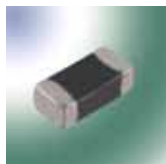
Applications: Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics.

Engineering Kit Available

RoHS Compliant

Impedance: 10Ω ~ 1500Ω
 Test Freq: 50MHz ~ 100MHz
 DCR: 0.01Ω ~ 0.25Ω
 Current: 800mA ~ 6000mA
 Sizes: 0402 (1005), 0603(1608),
 English (Metric) 0805 (2012), 1206 (3216),
 1210 (3225), 1806 (4516),
 1812 (4532)

02-068F



Description: Ultra High Current multi-layer ferrite chip beads.

Applications: Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics.

RoHS Compliant

Impedance: 11Ω ~ 150Ω
 Test Freq: 100MHz
 DCR: 0.012Ω ~ 0.02Ω
 Current: 4500mA ~ 6000mA
 Sizes: 0603(1608), 0805 (2012),
 English (Metric) 1206 (3216)

Chip Beads - Wire-wound

02-069F



Description: SMD ferrite chip beads.

Applications: Noise suppression in computer peripherals, telecommunication equipment, data communication equipment and other consumer electronics.

RoHS Compliant

Impedance: 38Ω ~ 80Ω (Min)
 Test Freq: 100MHz
 DCR: 0.60mΩ ~ 1.2mΩ (Max)
 Sizes: 5.1L x 3.05W x 2.85H (mm)
 9.60L x 3.05W x 2.85H (mm)
 8.9L x 5.6W x 2.85H (mm)

Common Mode Chokes

02-270F



Description: SMD Common Mode Chokes.

Applications: Ideal for DC power lines in AC adapters of portable equipment.

RoHS Compliant

Impedance: 190Ω ~ 3000Ω
 Test Freq: 100MHz
 DCR: 0.02Ω ~ 0.30Ω (Max)
 Sizes: 4.7L x 5.0W x 4.5H (mm)
 0.18L x 0.20W x 0.18H (in)

Power Inductors - Molded High Current

02-070F



Description: SMD Molded High Current inductor.
Applications: Excellent power line noise filters, filters for switching regulated power supplies, DC/DC converters, SCR and Triac controls and RFI suppression.
RoHS Compliant

Inductance: 1.0μH ~ 1000μH
 Test Freq: 1.0kHz
 DCR: 0.013Ω ~ 6.9Ω
 Rated Current: 0.24A ~ 8.6A
 Size: 13.2L x 6.35W x 5.84H (mm)
 0.52L x 0.25W x 0.23H (in)

02-071F



Description: SMD Molded High Current inductor.
Applications: Excellent power line noise filters, filters for switching regulated power supplies, DC/DC converters, SCR and Triac controls and RFI suppression.
RoHS Compliant

Inductance: 1.0μH ~ 18000μH
 Test Freq: 1.0kHz
 DCR: 0.010Ω ~ 52.5Ω
 Rated Current: .039A ~ 6.2A
 Size: 16.2L x 8.13W x 7.24H (mm)
 0.64L x 0.32W x 0.285H (in)

02-072F



Description: SMD Molded High Current inductor.
Applications: Excellent power line noise filters, filters for switching regulated power supplies, DC/DC converters, SCR and Triac controls and RFI suppression.
RoHS Compliant

Inductance: 1.0μH ~ 1000μH
 Test Freq: 1.0kHz
 DCR: 0.035Ω ~ 11.160Ω
 Rated Current: 105mA ~ 2780mA
 Size: 16.2L x 8.13W x 7.24H (mm)
 0.64L x 0.32W x 0.285H (in)

Power Inductors - Shielded

02-073F



Description: SMD shielded power inductor.
Applications: Ideal for a variety of DC/DC converter applications and low profile use.
RoHS Compliant

Inductance: 1.0μH ~ 1000μH
 Test Freq: 100kHz
 DCR: 0.019Ω ~ 7.02Ω
 Rated DC: 0.10A ~ 3.12A
 Size: 7.4L x 7.4W x 3.5H (mm)
 0.29L x 0.29W x 0.14H (in)

02-074F



Description: SMD shielded power inductor.
Applications: Ideal for a variety of DC/DC converter applications and low profile use.
RoHS Compliant

Inductance: 1.0μH ~ 1000μH
 Test Freq: 100kHz
 DCR: 0.023Ω ~ 4.1Ω
 Rated DC: 0.17A ~ 2.88A
 Size: 7.4L x 7.4W x 5.5H (mm)
 0.29L x 0.29W x 0.22H (in)

02-075F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.2μH ~ 100μH
 Test Freq: 100kHz
 DCR: 0.044Ω ~ 1.5Ω
 IDC: 0.23A ~ 2.15A
 Size: 5.3L x 5.3W x 2.0H (mm)
 0.21L x 0.21W x 0.079H (in)

02-076F



Description: SMD shielded power inductor.

Applications: Cellular phones, smart phones, MP3 players, PDA, Palmtop, wireless handhelds, LCD televisions, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.1μH ~ 100μH
 Test Freq: 100kHz
 DCR: 0.020Ω ~ 0.801Ω
 Isat: 0.45A ~ 4.80A (see spec)
 Size: 5.2L x 5.2W x 3.0H (mm)
 0.205L x 0.205W x 0.118H (in)

02-077F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 2.0μH ~ 150μH
 Test Freq: 100kHz
 DCR: 0.016Ω ~ 0.553Ω
 IDC : 0.37A ~ 3.0A (see spec)
 Size: 6.3L x 6.2W x 3.5H (mm)
 0.25L x 0.24W x 0.14H (in)

02-078F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0μH ~ 47μH
 Test Freq: 100kHz
 DCR: 0.02Ω ~ 0.61Ω
 IDC : 0.5A ~ 3.5A (see spec)
 Size: 6.3L x 6.2W x 2.0H (mm)
 0.25L x 0.24W x 0.08H (in)

02-079F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0μH ~ 100μH
 Test Freq: 100kHz
 DCR: 0.018Ω ~ 0.67Ω
 IDC : 0.33A ~ 3.48A (see spec)
 Size: 6.3L x 6.2W x 2.5H (mm)
 0.25L x 0.24W x 0.10H (in)

02-080F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0μH ~ 150μH
Test Freq: 100kHz
DCR: 0.017Ω ~ 0.65Ω
IDC: 0.31A ~ 3.59A (see spec)
Size: 6.3L x 6.2W x 3.0H (mm)
0.25L x 0.24W x 0.12H (in)

02-081F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.2μH ~ 47μH
Test Freq: 100kHz
DCR: 0.046Ω ~ 0.93Ω
IDC: 0.33A ~ 1.8A (see spec)
Size: 5.2L x 5.2W x 1.8H (mm)
0.205L x 0.205W x 0.071H (in)

02-082F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 2.7μH ~ 470μH
Test Freq: 100kHz
DCR: 44mΩ ~ 4780mΩ
Rated Current: 0.165A ~ 2.08A
Size: 6.0L x 2.5W x 1.2H (mm)
0.236L x 0.098W x 0.047H (in)

02-291F



Description: SMD shielded power inductor.

Applications: LCD television set, notebook PC, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 0.3μH ~ 7.3μH
Test Freq: 100kHz
DCR: 2.10mΩ ~ 13.3mΩ
Temp. Current: 9.0A ~ 23.0A
Size: 15L x 14.9W x 8.1H (mm)
0.59L x 0.58W x 0.32H (in)

02-083F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 10μH ~ 68μH
Test Freq: 2.52MHz
DCR: 0.14Ω ~ 0.82Ω
IDC: 0.42A ~ 1.0A
Size: 6.5L x 5.9W x 3.5H (mm)
0.26L x 0.23W x 0.14H (in)

02-084F

Description: SMD shielded power inductor.

Applications: LCD Driver, DSC/DVC, Notebook PC, DC/DC converters, etc.

RoHS Compliant

Inductance: 3.7μH ~ 100μH
 Test Freq: 100kHz
 DCR: 18.9mΩ ~ 455.8mΩ
 IDC: 1.25A ~ 6.95A
 Size: 7.3L x 7.3W x 4.5H (mm)
 0.29L x 0.29W x 0.18H (in)

02-085F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.2μH ~ 10μH
 Test Freq: 100kHz
 DCR: 0.0975Ω ~ 0.5380Ω
 Irms: 0.42A ~ 1.24A
 Size: 3.2L x 3.2W x 1.0H (mm)
 0.13L x 0.13W x 0.04H (in)

02-086F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 1.5μH ~ 47μH
 Test Freq: 100kHz
 DCR: 95mΩ ~ 2250mΩ
 Sat. Current: 0.20A ~ 0.90A
 Size: 3.2L x 3.2W x 1.3H (mm)
 0.126L x 0.126W x 0.051H (in)

02-087F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.5μH ~ 10μH
 Test Freq: 100kHz
 DCR: 80mΩ ~ 559mΩ
 IDC: 0.52A ~ 1.35A
 Size: 3.2L x 3.2W x 1.2H (mm)
 0.126L x 0.126W x 0.047H (in)

02-088F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.5μH ~ 12μH
 Test Freq: 100kHz
 DCR: 63mΩ ~ 470mΩ
 Rated DC: 0.62A ~ 1.80A
 Size: 3.2L x 3.2W x 1.55H (mm)
 0.126L x 0.126W x 0.061H (in)

02-089F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 2.2μH ~ 47μH
Test Freq: 100kHz
DCR: 43mΩ ~ 660mΩ
Rated Current: 200mA ~ 850mA
Size: 3.2L x 3.2W x 2.0H (mm)
0.126L x 0.126W x 0.078H (in)

02-090F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.7μH ~ 47μH
Test Freq: 100kHz
DCR: 44mΩ ~ 1430mΩ
IDC: 0.39A ~ 1.85A
Size: 3.2L x 3.2W x 2.0H (mm)
0.126L x 0.126W x 0.078H (in)

02-091F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 2.2μH ~ 47μH
Test Freq: 100kHz
DCR: 41mΩ ~ 660mΩ
Rated DC: 200mA ~ 850mA
Size: 3.2L x 3.2W x 2.0H (mm)
0.126L x 0.126W x 0.078H (in)

02-092F



Description: SMD shielded power inductor.

Applications: Mobile phone, PDA, MP3, DSC/DVC, portable DVD, as a DC/DC converter inductor. etc.

RoHS Compliant

Inductance: 2.7μH ~ 39μH ±30%
Test Freq: 100kHz
DCR: 78mΩ ~ 942mΩ ±30%
Irms: 0.40A ~ 1.82A
Size: 4.2L x 4.2W x 1.3H (mm)
0.16L x 0.16W x 0.05H (in)

02-094F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 1.5μH ~ 100μH
Test Freq: 100kHz
DCR: 0.052Ω ~ 1.75Ω
Rated Current: 0.15A ~ 1.55A
Size: 4.1L x 4.1W x 1.8H (mm)
0.16L x 0.16W x 0.07H (in)

Power Magnetics

02-095F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.7μH ~ 33μH
 Test Freq: 100kHz
 DCR: 0.051Ω ~ 0.870Ω
 Isat: 0.46A ~ 2.00A
 Size: 3.8L x 3.8W x 1.65H (mm)
 0.15L x 0.15W x 0.065H (in)

02-096F



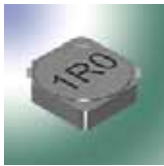
Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 3.3μH ~ 47μH
 Test Freq: 100kHz
 DCR: 0.0721Ω ~ 0.5990Ω
 Irms: 0.56A ~ 1.85A
 Size: 4.0L x 4.0W x 3.0H (mm)
 0.16L x 0.16W x 0.12H (in)

02-097F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 180μH
 Test Freq: 100kHz ~ 7.96MHz
 DCR: 45mΩ ~ 4000mΩ
 Rated Current: 0.14A ~ 1.72A
 Size: 4.7L x 4.7W x 2.0H (mm)
 0.19L x 0.19W x 0.08H (in)

02-098F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 1.2μH ~ 390μH
 Test Freq: 100kHz
 DCR: 23.6mΩ ~ 2830mΩ
 Rated Current: 0.13A ~ 2.56A
 Size: 4.7L x 4.7W x 3.0H (mm)
 0.19L x 0.19W x 0.12H (in)

02-099F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 3.3μH ~ 330μH
 Test Freq: 10kHz
 DCR: 50mΩ ~ 4340mΩ
 Rated Current: 0.18A ~ 2.15A
 Size: 5.7L x 5.7W x 5.5H (mm)
 0.22L x 0.22W x 0.217H (in)

02-100F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 2.5μH ~ 150μH
Test Freq: 10kHz
DCR: 18mΩ ~ 956mΩ
Rated Current: 0.26A ~ 2.6A
Size: 5.7L x 5.7W x 3.0H (mm)
0.122L x 0.122W x 0.12H (in)

02-101F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 2.5μH ~ 100μH
Test Freq: 100kHz
DCR: 17.6mΩ ~ 520mΩ
IDC: 0.4A ~ 2.6A
Size: 6.2L x 6.2W x 3.0H (mm)
0.246L x 0.246W x 0.118H (in)

02-102F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 3.0μH ~ 150μH
Test Freq: 10kHz
DCR: 24mΩ ~ 615mΩ
DC Current: 3.0A ~ 4.2A
Size: 6.7L x 6.7W x 3.0H (mm)
0.26L x 0.26W x 0.12H (in)

02-103F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 3.3μH ~ 100μH
Test Freq: 10kHz
DCR: 20mΩ ~ 358mΩ
DC Current: 0.65A ~ 3.5A
Size: 6.7L x 6.7W x 4.0H (mm)
0.26L x 0.26W x 0.16H (in)

02-104F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0μH ~ 100μH
Test Freq: 100kHz
DCR: 11mΩ ~ 410mΩ
DC Current: 0.75A ~ 6.5A
Size: 8.3L x 8.3W x 3.0H (mm)
0.327L x 0.327W x 0.118H (in)

02-105F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.8μH ~ 100μH
 Test Freq: 100kHz
 DCR: 15.6mΩ ~ 410mΩ
 Rated DC: 1.05A ~ 7.0A
 Size: 8.3L x 8.3W x 4.0H (mm)
 0.327L x 0.327W x 0.157H (in)

02-106F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 2.5μH ~ 100μH
 Test Freq: 100kHz
 DCR: 14mΩ ~ 360mΩ
 DC Current: 0.9A ~ 6.4A
 Size: 8.3L x 8.3W x 4.7H (mm)
 0.327L x 0.327W x 0.185H (in)

02-107F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 2.9μH ~ 330μH
 Test Freq: 1.0 kHz ~ 7.96MHz
 DCR: 0.068Ω ~ 4.94Ω
 IDC: 0.19A ~ 1.94A
 Size: 6.2L x 5.9W x 3.0H (mm)
 0.24L x 0.23W x 0.12H (in)

02-108F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 2.9μH ~ 1000μH
 Test Freq: 1.0kHz
 DCR: 0.047Ω ~ 9.30Ω
 IDC: 0.14A ~ 1.80A (see spec)
 Size: 6.6L x 6.2W x 4.5H (mm)
 0.26L x 0.24W x 0.18H (in)

02-109F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 10μH ~ 1000μH
 Test Freq: 1.0kHz
 DCR: 0.07Ω ~ 9.4Ω
 IDC: 0.16A ~ 1.7A (see spec)
 Size: 7.3L x 7.3W x 3.5H (mm)
 0.3L x 0.3W x 0.14H (in)

02-110F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 10μH ~ 1000μH
Test Freq: 1.0kHz
DCR: 0.07Ω ~ 9.4Ω
IDC: 0.16A ~ 1.7A (see spec)
Size: 7.5L x 7.5W x 3.4H (mm)
0.3L x 0.3W x 0.13H (in)

02-111F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 10μH ~ 1000μH
Test Freq: 1.0kHz
DCR: 0.072Ω ~ 9.44Ω
IDC: 0.16A ~ 1.68A (see spec)
Size: 7.8L x 7.8W x 3.5H (mm)
0.31L x 0.31W x 0.14H (in)

02-112F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant

Inductance: 10μH ~ 1000μH
Test Freq: 1.0kHz
DCR: 0.05Ω ~ 6.0Ω
IDC: 0.18A ~ 1.84 (see spec)
Size: 7.3L x 7.3W x 4.5H (mm)
0.3L x 0.3W x 0.18H (in)

02-113F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 10μH ~ 1000μH
Test Freq: 1.0kHz
DCR: 0.05Ω ~ 6.0Ω
IDC: 0.18A ~ 1.9A (see spec)
Size: 7.5L x 7.5W x 4.5H (mm)
0.3L x 0.3W x 0.18H (in)

02-114F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 10μH ~ 1000μH
Test Freq: 1.0kHz
DCR: 0.049Ω ~ 6.0Ω
IDC: 0.18A ~ 1.84A
Size: 7.8L x 7.8W x 4.5H (mm)
0.31L x 0.31W x 0.18H (in)

02-289F

Description: SMD shielded power inductor.

Applications: Notebook PC, LCD TV, DVD, Game machine, STB, Projector, as a DC/DC converter inductor, etc.

RoHS Compliant

Inductance: 0.8μH ~ 150μH
 Test Freq: 100kHz
 DCR: 11.76mΩ ~ 871mΩ
 Rated Current: 0.51A ~ 8.30A
 Size: 10.3L x 10.5W x 3.0H (mm)
 0.40L x 0.41W x 0.12H (in)

02-115F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.5μH ~ 330μH
 Test Freq: 100kHz
 DCR: 8.1mΩ ~ 1090mΩ
 IDC: 0.7A ~ 10A (see spec)
 Size: 10L x 10W x 3.8H (mm)
 0.39L x 0.39W x 0.15H (in)

02-116F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0μH ~ 330μH
 Test Freq: 100kHz
 DCR: 7.0mΩ ~ 1090mΩ
 IDC: 0.7A ~ 10.1A (see spec)
 Size: 10L x 10W x 3.8H (mm)
 0.39L x 0.39W x 0.15H (in)

02-117F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 0.8μH ~ 1000μH
 Test Freq: 100kHz
 DCR: 5.0mΩ ~ 1990mΩ
 Rated DC: 0.48A ~ 13.5A
 Size: 10.3L x 10.5W x 5.1H (mm)
 0.406L x 0.413W x 0.201H (in)

02-118F

Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 3.9μH ~ 330μH
 Test Freq: 100kHz
 DCR: 0.02Ω ~ 0.99Ω
 IDC: 0.5A ~ 6.5A
 Size: 12L x 12W x 4.5H (mm)
 0.47L x 0.47W x 0.18H (in)

02-119F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.3μH ~ 1000μH
Test Freq: 1.0kHz
DCR: 0.008Ω ~ 1.5Ω
IDC: 0.4A ~ 11.8A
Size: 12.8L x 12.8W x 6.0H (mm)
0.504L x 0.504W x 0.24H (in)

02-120F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.2μH ~ 1000μH
Test Freq: 100kHz
DCR: 7.0mΩ ~ 1820mΩ
IDC: 0.55A ~ 9.8A
Size: 12.5L x 12.5W x 8.0H (mm)
0.492L x 0.492W x 0.314H (in)

02-121F



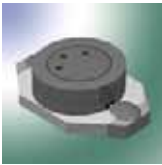
Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 1000μH
Test Freq: 1.0kHz ~ 100kHz
DCR: 6.5Ω ~ 1500Ω
Rated DC: 0.7A ~ 14.0A
Size: 12.5L x 12.5W x 8.0H (mm)
0.492L x 0.492W x 0.314H (in)

02-122F



Description: SMD shielded power inductor.

Applications: DC/DC converter, computers, LCD displays, telecommunication equipment. Can help achieve significantly longer battery life in hand held communication devices and other portable products

RoHS Compliant

Inductance: 1.0μH ~ 10000μH
Test Freq: 100kHz
DCR: 0.4Ω ~ 32.8Ω
IDC: 0.02A ~ 3.0A
Size: 6.6L x 4.45W x 2.92H (mm)
0.26L x 0.18W x 0.12H (in)

02-292F



Description: SMD shielded power inductor.

Applications: DC-DC converter, notebook computers, PDA, cell phones, step-up or step down converters, flash memory, etc.

RoHS Compliant

Inductance: 2.2μH ~ 470μH
Test Freq: 100kHz
DCR: 45mΩ ~ 5100mΩ
SRF: 4.5MHz ~ 90MHz
Size: 12.7L x 10.1W x 2.7H (mm)
0.5L x 0.4W x 0.1H (in)

02-124F

Description: SMD shielded power inductor.

Applications: Ideal for high performance DC/DC converter applications, computers, LCD displays & telecommunication equipment. Especially those requiring shielding.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0μH ~ 220μH
 Test Freq: 100kHz
 DCR: 0.021Ω ~ 8.3Ω
 Irms: 0.17A ~ 5.0A
 Isat: 0.32A ~ 5.6A
 SRF: 2MHz ~ 110MHz
 Size: 12.95L x 9.4W x 5.08H (mm)
 0.51L x 0.37W x 0.2H (in)

02-125F

Description: SMD shielded power inductor.

Applications: Ideal for high performance DC/DC converter applications, computers, LCD displays & telecommunication equipment. Especially those requiring shielding.

RoHS Compliant

Inductance: 10μH ~ 1000μH
 Test Freq: 100kHz
 DCR: 0.04Ω ~ 2.0Ω
 Isat: 0.8A ~ 8.0A
 Irms: 0.53A ~ 3.9A
 Size: 18.54L x 15.24W x 7.62H (mm)
 0.73L x 0.6W x 0.3H (in)

02-126F

Description: SMD shielded power inductor.

Applications: Ideal for high performance DC/DC converter applications, computers, LCD displays & telecommunication equipment. Especially those requiring shielding and low profiles.

RoHS Compliant

Inductance: 2.2μH ~ 1000μH
 Test Freq: 1.0kHz
 DCR: 0.04Ω ~ 5.0Ω
 Rated DC: 0.15A ~ 2.5A
 Size: 10.5L x 8.0W x 4.5H (mm)
 0.41L x 0.31W x 0.18H (in)

02-127F

Description: SMD shielded power inductor.

Applications: Ideal for high performance DC/DC converter applications, computers, LCD displays & telecommunication equipment. Especially those requiring shielding and low profiles.

RoHS Compliant

Inductance: 1.0μH ~ 3300μH
 Test Freq: 1.0kHz
 DCR: 0.01Ω ~ 10Ω
 Current: 0.1A ~ 6.5A
 Size: 12.7L x 10W x 4.9H (mm)
 0.5L x 0.4W x 0.2H (in)

02-128F

Description: SMD shielded power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment.

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 1000μH
 Test Freq: 100kHz
 DCR: 0.05Ω ~ 8.1Ω
 Current: 0.08A ~ 2.0A
 Size: 6.58L x 4.45W x 2.92H (mm)
 0.26L x 0.18W x 0.12H (in)

02-129F



Description: SMD shielded power inductor.

Applications: Ideal for high performance DC/DC converter applications, computers, LCD displays & telecommunication equipment. Especially those requiring shielding and low profiles.

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 1000μH
Test Freq: 100kHz
DCR: 0.025Ω ~ 1.45Ω
Current: 0.25A ~ 5.0A
Size: 12.95L x 9.4W x 5.08H (mm)
0.51L x 0.37W x 0.2H (in)

02-130F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 0.22μH ~ 5.0μH
Test Freq: 100kHz
DCR: 1.7mΩ ~ 23.8mΩ
Current: 4.9A ~ 19A
Size: 10.4L x 10.4W x 5.6H (mm)
0.409L x 0.409W x 0.22H (in)

02-131F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0μH ~ 7.2μH
Test Freq: 100kHz
DCR: 2.5mΩ ~ 13.5mΩ
Current: 7.8A ~ 20A
Size: 12.5L x 12.5W x 5.6H (mm)
0.5L x 0.5W x 0.22H (in)

02-132F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment DC/DC converters, etc.

Inductance: 0.3μH ~ 5.6μH
Test Freq: 100kHz
DCR: 2.5mΩ ~ 13.5mΩ
Current: 9.5A ~ 35A
Size: 12.9L x 12.9W x 5.8H (mm)
0.51L x 0.51W x 0.23H (in)

02-133F



Description: SMD shielded power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 1.2μH ~ 10μH
Test Freq: 100kHz
DCR: 2.5mΩ ~ 13.5mΩ
Current: 5.0A ~ 17A
Size: 12.5L x 12.5W x 5.6H (mm)
0.5L x 0.5W x 0.23H (in)

02-134F

Description: SMD shielded high current power inductor.
Applications: Excellent for power line DC-DC conversion applications used in notebook computers and other handheld electronic equipment.
RoHS Compliant

Inductance: 0.56 μ H ~ 2.4 μ H
 Test Freq: 100kHz
 DCR: 0.0010 Ω ~ 0.00235 Ω
 IDC: 15A ~ 30A
 Size: 14.7L x 15W x 9.5H (mm)
 0.58L x 0.59W x 0.37H (in)

02-136F

Description: SMD shielded power inductor.
Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.
RoHS Compliant

Inductance: 4.7 μ H ~ 270 μ H
 Test Freq: 1.0kHz ~ 2.52MHz
 DCR: 0.03 Ω ~ 1.3 Ω
 Rated DC: 0.33A ~ 3.15A
 Size: 8.15L x 7.35W x 4.9H (mm)
 0.32L x 0.29W x 0.19H (in)

02-137F

Description: SMD shielded power inductor.
Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.
RoHS Compliant

Inductance: 10 μ H ~ 470 μ H
 Test Freq: 1.0kHz ~ 2.52MHz
 DCR: 0.06 Ω ~ 1.5 Ω
 Rated DC: 0.33A ~ 2.06A
 Size: 10L x 9.0W x 5.5H (mm)
 0.39L x 0.35W x 0.22H (in)

02-138F

Description: SMD shielded power inductor.
Applications: PDA, Notebook, Desktop, & Server applications. High current POL converters. Low profile, high current power supplies. Battery powered devices. DC/DC converters in distributed power systems. DC/DC converter for Field Programmable Gate Array (FPGA).
RoHS Compliant

Inductance: 0.15 μ H ~ 10 μ H
 Test Freq: 100kHz
 DCR: 2.5m Ω ~ 105m Ω
 Irms: 3.0A ~ 26A
 Isat: 4.5A ~ 386A
 Size: 6.47L x 7.8W x 3.2H (mm)
 0.25L x 0.27W x 0.13H (in)

02-139F

Description: SMD shielded power inductor.
Applications: High density DC/DC converters. POL converters. High current VRM/VRD for notebooks, servers, and desktop CPUs. High speed chargers.
RoHS Compliant

Inductance: 0.10 μ H ~ 6.8 μ H
 Test Freq: 100kHz
 DCR: 1.3m Ω ~ 54m Ω
 Irms: 4.5A ~ 37A
 Isat: 8.0A ~ 45A
 Size: 6.6L x 7.3W x 3.0H (mm)
 0.26L x 0.29W x 0.12H (in)

02-140F



Description: SMD shielded power inductor.

Applications: High density DC/DC converters. POL converters. High current VRM/VRD for notebooks, servers, and desktop CPUs. High speed chargers.

RoHS Compliant

Inductance: 0.36 μ H ~ 1.0 μ H
Test Freq: 100kHz
DCR: 1.2m Ω ~ 3.1m Ω
Irms: 20A ~ 34A
Isat: 26A ~ 42A
Size: 10.1L x 11.6W x 4.0H (mm)
0.39L x 0.46W x 0.15H (in)

02-141F



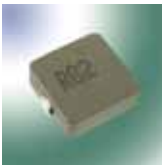
Description: SMD shielded power inductor.

Applications: High density DC/DC converters. POL converters. High current VRM/VRD for notebooks, servers, and desktop CPUs. High speed chargers.

RoHS Compliant

Inductance: 2.2 μ H ~ 4.7 μ H
Test Freq: 100kHz
DCR: 7.0m Ω ~ 16m Ω
Irms: 10A ~ 14A
Isat: 13A ~ 18A
Size: 10.1L x 11.6W x 4.0H (mm)
0.39L x 0.46W x 0.15H (in)

02-142F



Description: SMD shielded power inductor.

Applications: High density DC/DC converters. POL converters. High current VRM/VRD for notebooks, servers, and desktop CPUs. High speed chargers.

RoHS Compliant

Inductance: 0.36 μ H ~ 2.20 μ H
Test Freq: 100kHz
DCR: 0.90m Ω ~ 5.20m Ω
Isat: 20A ~ 50A
Size: 13.8L x 12.9W x 5.0H (mm)
0.54L x 0.50W x 0.20H (in)

02-143F



Description: SMD shielded power inductor.

Applications: PDA, Notebook, Desktop, Server applications. High current POL converters. Low profile, high current power supplies. Battery powered devices. DC/DC converters in distributed power systems and for Field Programmable Gate Array (FPGA).

RoHS Compliant

Inductance: 0.47 μ H ~ 10 μ H
Test Freq: 100kHz
DCR: 1.2m Ω ~ 16.8m Ω
Isat: 16A ~ 65A
Size: 13.7L x 12.9W x 7.0H (mm)
0.54L x 0.51W x 0.27H (in)

02-264F



Description: SMD shielded power inductor.

Applications: Notebook, Desktop, Server applications, Low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA)

RoHS Compliant

Inductance: 0.33 μ H ~ 4.7 μ H
Test Freq: 200kHz
DCR: 7.0m Ω ~ 78.0m Ω
Isat: 5.5A ~ 18A
Size: 7.3L x 6.8W x 1.8H (mm)
0.29L x 0.27W x 0.071H (in)

02-293F

Description: SMD shielded power inductor.

Applications: Notebook, Desktop, Server applications, Low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA)

RoHS Compliant

Inductance: 0.47 μ H ~ 10 μ H
 Test Freq: 200kHz
 DCR: 6.50m Ω ~ 129m Ω
 Isat: 5.0A ~ 21A
 Size: 7.3L x 6.8W x 2.4H (mm)
 0.29L x 0.27W x 0.09H (in)

02-265F

Description: SMD shielded power inductor.

Applications: Notebook, Desktop, Server applications, Low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA)

RoHS Compliant

Inductance: 0.22 μ H ~ 22 μ H
 Test Freq: 200kHz
 DCR: 3.1m Ω ~ 230m Ω
 Isat: 3.0A ~ 34A
 Size: 7.3L x 6.8W x 3.0H (mm)
 0.29L x 0.27W x 0.12H (in)

02-294F

Description: SMD shielded power inductor.

Applications: Notebook, Desktop, Server applications, Low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA)

RoHS Compliant

Inductance: 0.22 μ H ~ 22 μ H
 Test Freq: 200kHz
 DCR: 3.1m Ω ~ 230m Ω
 Isat: 3.5A ~ 36A
 Size: 7.3L x 6.8W x 3.5H (mm)
 0.29L x 0.27W x 0.14H (in)

02-266F

Description: SMD shielded power inductor.

Applications: PDA, Notebook, Desktop, Server applications, Low profile, high current power supplies, battery powered devices, DC/DC converter for Field Programmable Gate Array (FPGA)

RoHS Compliant

Inductance: 0.47 μ H ~ 10 μ H
 Test Freq: 200kHz
 DCR: 2.0m Ω ~ 34m Ω
 Isat: 12A ~ 55A
 Size: see website for more info.

02-144F

Description: SMD shielded power inductor.

Applications: Excellent for power line DC-DC conversion applications used in hard disk, notebook computers and other electronic equipment.

RoHS Compliant

Inductance: 3.3 μ H ~ 2200 μ H
 Test Freq: 10kHz ~ 1MHz
 DCR: 0.062 Ω ~ 30 Ω
 IDC: 20mA ~ 500mA
 SRF: 1.2MHz ~ 70.0MHz
 Size: 3.5L x 3.6W x 2.1H (mm)
 0.137L x 0.141W x 0.08H (in)

02-145F



Description: SMD shielded power inductor.
Applications: LCD panels, PC notebooks, portable communication equipment, DC/DC converters, etc.
RoHS Compliant

Inductance: 1.4μH ~ 1000μH
 Test Freq: 100kHz
 DCR: 11mΩ ~ 1700mΩ
 Irms: 0.68A ~ 10A
 SRF: 1.3MHz ~ 80.0MHz
 Size: 12.0L x 12.0W x 8.0H (mm)
 0.472L x 0.472W x 0.315H (in)

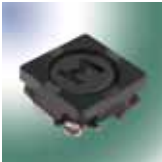
02-281F



Description: SMD shielded power toroidal inductor.
Applications: Wireless and hand-held equipment applications such as PC cards, cellular telephones, pagers, GPS and disk drives.
RoHS Compliant Parts Available

Inductance: 0.47μH ~ 100μH
 L Test Freq: 100kHz
 DCR: 0.024Ω ~ 2.015Ω
 Isat: 0.45A ~ 5.8A
 Size: 7.5L x 5.2W x 1.8H (mm)
 0.295L x 0.205W x 0.071H (in)

02-284F



Description: SMD shielded power inductor.
Applications: Mainly used as a power source inductor for mobile phones, HDDs, LCD panels and DSCs.
RoHS Compliant

Inductance: 1.0μH ~ 22μH
 Test Freq: 100kHz
 DCR: 55mΩ ~ 950mΩ
 IDC: 0.35A ~ 1.5A
 Size: 3.0L x 3.0W x 1.2H (mm)
 0.12L x 0.12W x 0.047H (in)

02-285F



Description: SMD shielded power inductor.
Applications: Mainly used as a power source inductor for mobile phones, HDDs, LCD panels and DSCs.
RoHS Compliant

Inductance: 1.0μH ~ 27μH
 Test Freq: 100kHz
 DCR: 52mΩ ~ 820mΩ
 IDC: 0.40A ~ 2.30A
 Size: 3.0L x 3.0W x 1.5H (mm)
 0.12L x 0.12W x 0.060H (in)

02-286F



Description: SMD shielded power inductor.
Applications: Mainly used as a power source inductor for mobile phones, HDDs, LCD panels and DSCs.
RoHS Compliant

Inductance: 1.0μH ~ 22μH
 Test Freq: 100kHz
 DCR: 64mΩ ~ 1000mΩ
 IDC: 0.33A ~ 1.5A
 Size: 3.0L x 2.9W x 1.0H (mm)
 0.12L x 0.11W x 0.04H (in)

02-287F

Description: SMD shielded power inductor.

Applications: Mainly used as a power source inductor for mobile phones, HDDs, LCD panels and DSCs.

RoHS Compliant

Inductance: 0.56μH ~ 47μH
 Test Freq: 100kHz
 DCR: 38mΩ ~ 1530mΩ
 IDC: 0.30A ~ 2.5A
 Size: 3.0L x 2.9W x 1.2H (mm)
 0.12L x 0.11W x 0.047H (in)

02-288F

Description: SMD shielded power inductor.

Applications: Mainly used as a power source inductor for mobile phones, HDDs, LCD panels and DSCs.

RoHS Compliant

Inductance: 1.0μH ~ 47μH
 Test Freq: 100kHz
 DCR: 42mΩ ~ 1140mΩ
 IDC: 0.38A ~ 2.3A
 Size: 4.0L x 3.9W x 1.2H (mm)
 0.16L x 0.15W x 0.047H (in)

02-147F

Description: SMD shielded power inductor.

Applications: Digital cameras, CD players, cellular phones, PDAs, PCMCIA cards, GPS systems, etc.

RoHS Compliant

Inductance: 0.47μH ~ 470μH
 L Test Freq: 100kHz
 DCR: 0.0311Ω ~ 15.125Ω
 Rated DC: 0.110A ~ 3.54A
 Size: 5.2L x 5.2W x 1.0H (mm)
 0.205L x 0.205W x 0.039H (in)

02-148F

Description: SMD (Shielded) Power Inductor.

Applications: Digital cameras, CD players, cellular phones, PDA's, PCMCIA cards, GPS systems, etc.

RoHS Compliant

Inductance: 0.58μH ~ 1,000μH
 Test Freq: 100kHz
 DCR: 0.0275Ω ~ 19.75Ω
 Isat: 0.117A ~ 4.84A
 Size: 5.2L x 5.2W x 1.45H (mm)
 0.205L x 0.205W x 0.057H (in)

02-149F

Description: SMD (Shielded) Power Inductor.

Applications: Digital cameras, CD players, cellular phones, PDA's, PCMCIA cards, GPS systems, etc.

RoHS Compliant

Inductance: 0.47μH ~ 1,000μH
 Test Freq: 100kHz
 DCR: 0.0251Ω ~ 17.51Ω
 Isat: 0.102A ~ 4.63A
 Size: 5.2L x 5.2W x 1.8H (mm)
 0.205L x 0.205W x 0.071H (in)

02-150F



Description: SMD (Shielded) Power Inductor.

Applications: Digital cameras, CD players, cellular phones, PDA's, PCMCIA cards, GPS systems, etc.

RoHS Compliant

Inductance: 0.47 μ H ~ 1000 μ H
Test Freq. 100kHz
DCR: 0.0250 Ω ~ 10.913 Ω
Isat: 0.088A ~ 4.00A
Size: 5.2L x 5.2W x 2.0H (mm)
0.205L x 0.205W x 0.079H (in)

02-151F



Description: SMD (Shielded) Power Inductor.

Applications: Digital cameras, CD players, cellular phones, PDA's, PCMCIA cards, GPS systems, etc.

RoHS Compliant

Inductance: 0.47 μ H ~ 1000 μ H
Test Freq. 100kHz
DCR: 0.0221 Ω ~ 7.125 Ω
Isat: 0.126A ~ 6.00A
Size: 5.2L x 5.2W (mm)
0.205L x 0.205W (in)

02-152F



Description: SMD shielded power inductor.

Applications: Switching power supplies. RFI/EMC filtering.

RoHS Compliant

Inductance: 10 μ H ~ 220 μ H
Test Freq. 1.0kHz
DCR: 0.05 Ω ~ 0.75 Ω
Rated DC: 0.36A ~ 1.60A
Size: 8.0L x 10.5W x 5.7H (mm)
0.32L x 0.41W x 0.22H (in)

02-153F



Description: SMD shielded power inductor.

Applications: Switching power supplies. RFI/EMC filtering.

RoHS Compliant

Inductance: 10 μ H ~ 470 μ H
Test Freq. 1.0kHz
DCR: 0.04 Ω ~ 1.30 Ω
Rated DC: 0.37A ~ 2.4A
Size: 10L x 12.5W x 5.7H (mm)
0.40L x 0.49W x 0.22H (in)

02-154F



Description: SMD shielded power inductor.

Applications: Switching power supplies. RFI/EMC filtering.

RoHS Compliant

Inductance: 10 μ H ~ 1,500 μ H
Test Freq. 1.0kHz
DCR: 0.05 Ω ~ 2.50 Ω
Rated DC: 0.30A ~ 2.50A
Size: 12.7L x 15W x 5.7H (mm)
0.50L x 0.59W x 0.22H (in)

02-157F

Description: SMD shielded power inductor.

Applications: For power source circuits, low profile type DC to DC converters, DC to AC inverters, etc.

RoHS Compliant Parts Available

Inductance: 4.7 μ H ~ 100 μ H
 Test Freq: 1.0kHz
 DCR: 0.0284 Ω ~ 0.43 Ω
 Rated DC: 0.42A ~ 1.6A
 Size: 6.0L x 6.0W x 2.8H (mm)
 0.24L x 0.24W x 0.11H (in)

02-158F

Description: SMD shielded power inductor.

Applications: For power source circuits, low profile type DC to DC converters, DC to AC inverters, etc.

RoHS Compliant Parts Available

Inductance: 3.3 μ H ~ 1000 μ H
 L Test Freq: 1.0kHz
 DCR: 0.023 Ω ~ 4.78 Ω
 Rated DC: 0.13A ~ 1.90A
 Size: 7.0L x 7.0W x 3.2H (mm)
 0.28L x 0.28W x 0.126H (in)

02-159F

Description: SMD shielded power inductor.

Applications: For power source circuits, low profile type DC to DC converters, DC to AC inverters, etc.

RoHS Compliant Parts Available

Inductance: 2.2 μ H ~ 1000 μ H
 L Test Freq: 1.0kHz ~ 100kHz
 DCR: 0.033 Ω ~ 2.28 Ω
 Rated DC: 0.14A ~ 3.2A
 Size: 7.0L x 7.0W x 4.5H (mm)
 0.28L x 0.28W x 0.18H (in)

02-295F

Description: SMD shielded power inductor.

Applications: LCD-TVs, PDP-TVs, LCD displays, DVD recorders, HDD, DSCs, etc.

RoHS Compliant

Inductance: 1.5 μ H ~ 100 μ H
 L Test Freq: 100kHz
 DCR: 17.4m Ω ~ 293m Ω
 Isat: 0.8A ~ 6.2A
 Size: 7.0L x 7.0W x 5.5H (mm)
 0.28L x 0.28W x 0.22H (in)

02-160F

Description: SMD shielded power inductor.

Applications: For power source circuits, low profile type DC to DC converters, DC to AC inverters, etc.

RoHS Compliant Parts Available

Inductance: 10 μ H ~ 1500 μ H
 L Test Freq: 1.0kHz
 DCR: 0.0364 Ω ~ 3.4 Ω
 Rated DC: 0.22A ~ 3.0A
 Size: 10L x 10W x 4.5H (mm)
 0.40L x 0.40W x 0.18H (in)

02-161F



Description: SMD shielded power inductor.

Applications: For power source circuits, low profile type DC to DC converters, DC to AC inverters, portable telephones, hard disks drives, etc.

RoHS Compliant Parts Available

Inductance: 2.0μH ~ 220μH
L Test Freq: 1.0kHz
DCR: 0.0117Ω ~ 0.2730Ω
Rated DC: 1.0A ~ 10A
Size: 12.5L x 12.5W x 6.5H (mm)
0.49L x 0.49W x 0.26H (in)

02-162F



Description: SMD shielded power inductor.

Applications: For power source circuits, low profile type DC to DC converters, DC to AC inverters, etc.

RoHS Compliant Parts Available

Inductance: 1.2μH ~ 220μH
L Test Freq: 1.0kHz
DCR: 0.0069Ω ~ 2.258Ω
Rated DC: 1.3A ~ 13A
Size: 12.5L x 12.5W x 7.5H (mm)
0.49L x 0.49W x 0.30H (in)

02-296F



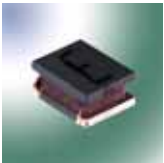
Description: SMD shielded power inductor.

Applications: Power supplies for portable communication equipment, camcorders, LCD TVs, car radios, Input/Output of DC/DC converters, etc.

RoHS Compliant

Inductance: 1.5μH ~ 1000μH
L Test Freq: 1.0kHz
DCR: 0.028Ω ~ 6.10Ω
IDC: 0.12A ~ 2.80A
Size: 6.5L x 6.5W x 4.6H (mm)
0.25L x 0.25W x 0.18H (in)

02-297F



Description: SMD shielded power inductor.

Applications: DVCs, DSCs, PDAs, LCD displays, cellular phones, HDDs, etc.

RoHS Compliant

Inductance: 1.0μH ~ 22μH
L Test Freq: 1.0MHz
DCR: 0.105Ω ~ 2.110Ω
IDC: 550mA ~ 2800mA
Size: 2.5L x 2.0W x 1.2H (mm)
0.1L x 0.08W x 0.05H (in)

Power Inductors - Unshielded

02-163F



Description: SMD power inductor.

Applications: Ideal for a variety of DC/DC converter applications and low profile use.

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 100μH
Test Freq: 100kHz
DCR: 0.02Ω ~ .95Ω
Current: 0.38A ~ 2.9A
Size: 7.4L x 7.4W x 3.5H (mm)
0.29L x 0.29W x 0.14H (in)

02-164F

Description: SMD power inductor.

Applications: Ideal for a variety of DC/DC converter applications and low profile use.

RoHS Compliant Parts Available

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq: 100kHz
 DCR: 0.023 Ω ~ 5.39 Ω
 Current: 0.15A ~ 2.88A
 Size: 7.4L x 7.4W x 5.5H (mm)
 0.29L x 0.29W x 0.22H (in)

02-165F

Description: SMD power inductor.

Applications: LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 10 μ H ~ 1500 μ H
 Test Freq: 100kHz
 DCR: 0.047 Ω ~ 4.370 Ω
 Current: 0.25A ~ 2.60A
 Size: 11.5L x 9.7W x 5.0H (mm)
 0.45L x 0.38W x 0.20H (in)

02-298F

Description: SMD power inductor.

Applications: Ideal for a variety of DC/DC converter applications and low profile use.

RoHS Compliant

Inductance: 1.0 μ H ~ 100 μ H
 Test Freq: 100kHz
 DCR: 20m Ω ~ 1080m Ω
 IDC: 0.39A ~ 3.60A
 Size: 7.6L x 7.6W x 3.0H (mm)
 0.30L x 0.30W x 0.27H (in)

02-299F

Description: SMD power inductor.

Applications: Ideal for a variety EL lamp inverter inductor applications.

RoHS Compliant

Inductance: 0.47mH ~ 6.8mH
 Test Freq: 100kHz
 DCR: 8.1 Ω ~ 130 Ω
 Isat: 0.037A ~ 0.14A
 Size: 5.2L x 5.2W x 2.2H (mm)
 0.205L x 0.205W x 0.087H (in)

02-166F

Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 2.2 μ H ~ 47 μ H
 Test Freq: 100kHz
 DCR: 0.116 Ω ~ 2.843 Ω
 Rated Current: 0.18A ~ 0.95A
 Size: 6.3L x 5.8W x 0.8H (mm)
 0.248L x 0.228W x 0.031H (in)

02-167F



Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 3.3μH ~ 150μH
Test Freq. 100kHz
DCR: 0.16Ω ~ 5.362Ω
Rated Current: 0.13A ~ 0.85A
Size: 4.4L x 5.8W x 1.45H (mm)
0.173L x 0.228W x 0.057H (in)

02-168F



Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 3.3μH ~ 47μH
Test Freq. 100kHz
DCR: 0.081Ω ~ 0.875Ω
Rated Current: 0.35A ~ 1.25A
Size: 5.8L x 7.4W x 1.5H (mm)
0.228L x 0.291W x 0.059H (in)

02-169F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, and DC/DC converters.

RoHS Compliant

Inductance: 1.0μH ~ 390μH
Test Freq. 100kHz ~ 7.96MHz
DCR: 48.7mΩ ~ 7800mΩ
Rated DC: 0.115A ~ 1.80A
Size: 4.0L x 4.1W x 3.0H (mm)
0.157L x 0.161W x 0.118H (in)

02-170F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, and DC/DC converters.

RoHS Compliant

Inductance: 1.0μH ~ 68μH
Test Freq. 2.52kHz ~ 7.96kHz
DCR: 48.7mΩ ~ 1117mΩ
Rated DC: 0.37A ~ 2.56A
Size: 4.8L x 4.3W x 3.5H (mm)
0.189L x 0.169W x 0.138H (in)

02-171F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

RoHS Compliant

Inductance: 10μH ~ 220μH
Test Freq. 1.0kHz ~ 2.52MHz
DCR: 0.1Ω ~ 1.57Ω
Rated DC: 0.35A ~ 1.44A
Size: 6.1L x 5.6W x 4.85H (mm)
0.24L x 0.22W x 0.191H (in)

02-172F

Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, and DC/DC converters.

RoHS Compliant

Inductance: 10 μ H ~ 330 μ H
 Test Freq. 1.0kHz ~ 2.52MHz
 DCR: 0.08 Ω ~ 1.5 Ω
 Rated DC: 0.28A ~ 1.44A
 Size: 8.1L x 7.3W x 4.5H (mm)
 0.319L x 0.287W x 0.177H (in)

02-173F

Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, and DC/DC converters.

RoHS Compliant

Inductance: 1.2 μ H ~ 470 μ H
 Test Freq. 1.0kHz ~ 7.96MHz
 DCR: 0.0156 Ω ~ 1.96 Ω
 Rated DC: 0.34A ~ 6.0A
 Size: 8.1L x 7.3W x 5.54H (mm)
 0.319L x 0.287W x 0.217H (in)

02-175F

Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters. Used in limited spaces and ultra-low profiles.

RoHS Compliant

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq. 100kHz
 DCR: 0.04 Ω ~ 30.0 Ω
 SRF: 4.0MHz ~ 230MHz
 Size: 5.8L x 4.25W x 1.8H (mm)
 0.23L x 0.17W x 0.071H (in)

02-176F

Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters. Used in limited spaces and ultra-low profiles.

RoHS Compliant

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq. 100kHz
 DCR: 0.05 Ω ~ 22.6 Ω
 Current: 0.08A ~ 2.3A
 Size: 6.5L x 5.6W x 2.0H (mm)
 0.26L x 0.22W x 0.08H (in)

02-177F

Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters. Step up & step down converters and flash memory programmers.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq. 100kHz
 DCR: 0.05 Ω ~ 14 Ω
 Isat: 0.10A ~ 2.9A
 Irms: 0.07A ~ 2.9A
 Size: 6.58L x 4.45W x 2.92H (mm)
 0.26L x 0.18W x 0.12H (in)

02-178F



Description: SMD (high current) power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters. Step up & step down converters and flash memory programmers.

RoHS Compliant

Inductance: 0.18 μ H ~ 100 μ H
Test Freq: 100kHz
DCR: 0.003 Ω ~ 1.11 Ω
SRF: 5MHz ~ 800MHz
Isat: 0.53A ~ 14.0A
Irms: 0.47A ~ 10.0A
Size: 8.89L x 6.10W x 5.0H (mm)
0.35L x 0.24W x 0.197H (in)

02-179F



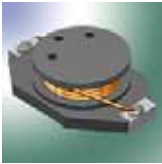
Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops. Designed for the higher current requirements of portable computers.

RoHS Compliant

Inductance: 22 μ H ~ 68 μ H
Test Freq: 100kHz
DCR: 0.35 Ω ~ 0.8 Ω
Isat: 0.8A ~ 1.3A
Size: 13.1L x 10.4W x 1.95H (mm)
0.52L x 0.41W x 0.08H (in)

02-180F



Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

RoHS Compliant

Inductance: 6.8 μ H ~ 1000 μ H
Test Freq: 100kHz
DCR: 0.06 Ω ~ 7.0 Ω
Isat: 0.10A ~ 3.9A
Irms: 0.05A ~ 2.6A
Size: 12.95L x 9.4W x 3.0H (mm)
0.51L x 0.37W x 0.12H (in)

02-181F



Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0 μ H ~ 1500 μ H
Test Freq: 100kHz
DCR: 0.01 Ω ~ 5.0 Ω
Isat: 0.27A ~ 9.0A
Irms: 0.25A ~ 6.8A
Size: 12.95L x 9.4W x 5.2H (mm)
0.51L x 0.37W x 0.20H (in)

02-182F



Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

RoHS Compliant

Inductance: 0.33 μ H ~ 100 μ H
Test Freq: 100kHz
DCR: 0.002 Ω ~ 0.40 Ω
Irms: 1.2A ~ 16A
Size: 13.21L x 9.91W x 6.35H (mm)
0.52L x 0.39W x 0.25H (in)

02-183F

Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

RoHS Compliant

Inductance: 10 μ H ~ 1000 μ H
 Test Freq: 100kHz
 DCR: 0.03 Ω ~ 2.0 Ω
 Irms: 0.10A ~ 3.5A
 Size: 12.95L x 9.4W x 11.43H (mm)
 0.51L x 0.37W x 0.45H (in)

02-184F

Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq: 100kHz
 DCR: 0.011 Ω ~ 1.8 Ω
 Irms: 0.56A ~ 8.6A
 Isat: 1.0A ~ 20A
 SRF: 2MHz ~ 80MHz
 Size: 18.54L x 15.24W x 7.11H (mm)
 0.73L x 0.6W x 0.28H (in)

02-185F

Description: SMD (high current) power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

RoHS Compliant

Inductance: 0.78 μ H ~ 15 μ H
 Test Freq: 100kHz
 DCR: 32m Ω ~ 2.6m Ω
 Irms: 4.4A ~ 15A
 Size: 22.35L x 16.26W x 8.0H (mm)
 0.88L x 0.64W x 0.32H (in)

02-186F

Description: SMD (high current) power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment. Designed for the higher current requirements of portable computers.

RoHS Compliant

Inductance: 0.68 μ H ~ 150 μ H
 Test Freq: 100kHz
 DCR: 2.0m Ω ~ 200m Ω
 Irated: 2.0A ~ 20A
 Isat: 4.0A ~ 64A
 Size: 18.54L x 15.24W x 11.4H (mm)
 0.73L x 0.6W x 0.450H (in)

02-187F

Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

RoHS Compliant Parts Available

Inductance: 1.0 μ H ~ 1200 μ H
 Test Freq: 100kHz
 SRF: 3.0MHz ~ 125MHz
 RDC: 0.06 Ω ~ 30 Ω
 Irms: 0.06A ~ 2.1A
 Isat: 0.08A ~ 2.7A
 Size: 3.0L x 2.8W x 2.5H (mm)
 0.12L x 0.11W x 0.10H (in)

02-188F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.0 μ H ~ 68 μ H
Test Freq. 2.52MHz ~ 7.96MHz
DCR: 0.033 Ω ~ 1.117 Ω
Rated DC: 0.46A ~ 3.80A
Size: 4.5L x 4.0W x 3.2H (mm)
0.18L x 0.16W x 0.13H (in)

02-189F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0 μ H ~ 220 μ H
Test Freq. 1.0kHz ~ 7.96MHz
DCR: 0.15 Ω ~ 1.6 Ω
Current: 0.35A ~ 5.9A
Size: 5.8L x 5.2W x 4.5H (mm)
0.23L x 0.21W x 0.18H (in)

02-190F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

RoHS Compliant Parts Available

Inductance: 10 μ H ~ 330 μ H
Test Freq. 1.0kHz ~ 2.52MHz
DCR: 0.08 Ω ~ 1.5 Ω
Rated Current: 0.28A ~ 1.44A
Size: 7.8L x 7.0W x 3.5H (mm)
0.307L x 0.276W x 0.138H (in)

02-191F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.0 μ H ~ 820 μ H
Test Freq. 1.0kHz ~ 25.2MHz
DCR: 0.02 Ω ~ 2.9 Ω
Rated DC: 0.26A ~ 3.7A
Size: 7.8L x 7.0W x 5.0H (mm)
0.31L x 0.28W x 0.20H (in)

02-192F



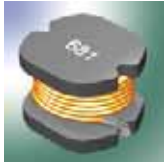
Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

RoHS Compliant Parts Available

Inductance: 10 μ H ~ 560 μ H
Test Freq. 1.0kHz ~ 2.52MHz
DCR: 0.05 Ω ~ 1.9 Ω
Rated DC: 0.32A ~ 2.38A
Size: 10L x 9.0W x 4.2H (mm)
0.39L x 0.35W x 0.17H (in)

02-193F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 4.7 μ H ~ 820 μ H
 Test Freq: 1.0kHz ~ 7.96MHz
 DCR: 0.04 Ω ~ 2.5 Ω
 Current: 0.24A ~ 2.6A
 Size: 10.0L x 9.0W x 5.4H (mm)
 0.39L x 0.35W x 0.21H (in)

02-194F



Description: SMD power inductor.

Applications: VTR power supplies, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

RoHS Compliant Parts

Inductance: 1.5 μ H ~ 1000 μ H
 Test Freq: 0.252MHz ~ 7.96MHz
 DCR: 5.0m Ω ~ 1600m Ω
 SRF: 1.4MHz ~ 65MHz
 Size: 13L x 13W x 7.0H (mm)
 0.512L x 0.512W x 0.276H (in)

02-195F



Description: SMD power inductor.

Applications: Designed for high current, low voltage applications. Low DCR, high efficiency. Next generation microprocessors, high current DC-DC converters, computers, etc.

RoHS Compliant

Inductance: 0.22 μ H ~ 10 μ H
 Test Freq: 300kHz
 DCR: 0.442m Ω ~ 7.56m Ω
 IDC: 5.30A ~ 40.5A
 Size: 13.0L x 14.0W x 11.5H (mm)
 0.51L x 0.55W x 0.45H (in)

02-198F



Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 0.12 μ H ~ 100 μ H
 Test Freq: 1.0MHz
 DCR: 0.112 Ω ~ 15.6 Ω
 Current: 80mA ~ 970mA
 SRF: 7.0MHz ~ 250MHz
 Size: 3.2L x 1.6W x 1.8H (mm)
 0.126L x 0.063W x 0.071H (in)

02-039F



Description: SMD chip inductor.

Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant

Inductance: 0.15 μ H ~ 100 μ H
 Test Freq: 1.0MHz
 SRF: 7.0MHz ~ 250MHz
 DCR: 0.54 Ω ~ 15.6 Ω
 Current: 45mA ~ 250mA
 Size: 3.2L x 1.6W x 1.8H (mm)
 0.13L x 0.06W x 0.074H (in)

02-199F



Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant Parts Available

Inductance: 1.0μH ~ 560μH
Test Freq. 1.0kHz ~ 1.0MHz
DCR: 0.12Ω ~ 30Ω
Rated Current: 60mA ~ 800mA
SRF: 5.0MHz ~ 96MHz
Size: 3.2L x 2.5W x 2.0H (mm)
0.13L x 0.1W x 0.08H (in)

02-040F



Description: SMD chip inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communications equipment, DC/DC converters.

RoHS Compliant Parts Available

Inductance: 0.10μH ~ 560μH
Test Freq. 1.0kHz ~ 1.0MHz
SRF: 5.0MHz ~ 200MHz
DCR: 0.25Ω ~ 28Ω
Rated DC: 40mA ~ 700mA
Size: 3.2L x 2.5W x 2.0H (mm)
0.13L x 0.10W x 0.08H (in)

02-200F



Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant Parts Available

Inductance: 0.15μH ~ 100μH
Test Freq. 1.0kHz
DCR: 0.028Ω ~ 0.3Ω
Rated Current: 450mA ~ 1450mA
SRF: 26MHz ~ 400MHz
Size: 3.2L x 2.5W x 2.0H (mm)
0.13L x 0.10W x 0.08H (in)

02-201F



Description: SMD power inductor.

Applications: DC/DC converter, cell phones, HDD, DVC, DSC, PDA, LCD display, etc.

RoHS Compliant

Inductance: 1.0μH ~ 47μH
Test Freq. 1.0MHz
DCR: 0.065Ω ~ 2.0Ω
Irms: 0.320A ~ 1.7A
SRF: 19MHz ~ 180MHz
Size: 3.0L x 3.0W x 1.0H (mm)
0.11L x 0.11W x 0.04H (in)

02-202F



Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Engineering Kit Available

RoHS Compliant

Inductance: 1.0μH ~ 470μH
Test Freq. 1.0kHz ~ 1.0MHz
DCR: 0.08Ω ~ 8.5Ω
Rated Current: 90mA ~ 1080mA
SRF: 3.0MHz ~ 100MHz
Size: 4.5L x 3.2W x 2.6H (mm)
0.18L x 0.12W x 0.1H (in)

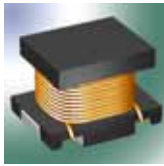
02-041F

Description: SMD chip inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 1.0 μ H ~ 2200 μ H
 Test Freq: 1.0kHz ~ 1.0MHz
 SRF: 1.3MHz ~ 120MHz
 DCR: 0.20 Ω ~ 50 Ω
 Rated DC: 30mA ~ 500mA
 Size: 4.5L x 3.2W x 2.6H (mm)
 0.18L x 0.12W x 0.10H (in)

02-203F

Description: SMD power inductor.

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

RoHS Compliant

Inductance: 0.12 μ H ~ 10000 μ H
 Test Freq: 10kHz ~ 1.0MHz
 DCR: 0.0098 Ω ~ 140 Ω
 SRF: 0.5MHz ~ 450MHz
 Size: 5.7L x 5.0W x 4.7H (mm)
 0.22L x 0.2W x 0.19H (in)

02-300F

Description: SMD power inductor.

Applications: Switching regulators, power amplifiers, power supplies, noise/EMI/RFI filtering, etc.

RoHS Compliant

Inductance: 10 μ H ~ 1200 μ H
 Test Freq: 1.0kHz
 DCR: 0.06 Ω ~ 3.50 Ω
 Isat: 0.54A ~ 6.0A
 Size: 14L x 11.7W x 8.4H (mm)
 0.551L x 0.460W x 0.330H (in)

02-204F

Description: SMD power inductor.

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.

RoHS Compliant Parts Available

Inductance: 0.47 μ H ~ 100 μ H
 Test Freq: 100kHz
 DCR: 2.5 Ω ~ 265 Ω
 Rated DC: 1.8A ~ 25.1A
 Size: 19.5L x 13.3W x 6.9H (mm)
 0.768L x 0.524W x 0.272H (in)

Toroid Inductors**02-205F**

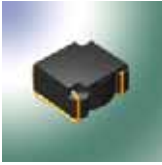
Description: Surface mount standard toroidal inductor.

Applications: For use in DC/DC converters, notebooks, computers, and mobile appliances. Boos and buck switcher designed for SMD pick and place mounting and reflow soldering.

RoHS Compliant Parts Available

Inductance: 2.8 μ H ~ 18 μ H
 Current: 10.9A ~ 15.4A
 DCR: 0.0036 Ω ~ 0.123 Ω
 Size: see website for more info.

02-206F



Description: Surface mount standard toroidal inductor.
Applications: For use in DC/DC converters, notebooks, computers, and mobile appliances. Boos and buck switcher designed for SMD pick and place mounting and reflow soldering.

Inductance: 1.1 μ H ~ 2000 μ H
 Current: 0.71A ~ 8.0A
 DCR: 0.011 Ω ~ 1.700 Ω
 Size: see website for more info

Toroidal Common Mode Chokes

02-301F



Description: SMD Common mode choke.
Applications: EMI filter applications, DC/DC converters, Discrete output supplies, Discrete and point-of-use power supplies (PUPS).
RoHS Compliant

Inductance: 25 μ H ~ 1600 μ H (1-2 / 4-3)
 DCR: 3.1m Ω ~ 350.5m Ω
 Capacitance: 2.0pF ~ 5.4pF
 Size: 11.8L x 11.8W x 5.2H (mm)
 0.46L x 0.46W x 0.20H (in)

02-302F



Description: SMD Common mode choke.
Applications: EMI filter applications, DC/DC converters, Discrete output supplies, Discrete and point-of-use power supplies (PUPS).
RoHS Compliant

Inductance: 35 μ H ~ 1600 μ H (1-2 / 4-3)
 DCR: 4.63m Ω ~ 286.5m Ω
 Capacitance: 2.8pF ~ 5.8pF
 Size: 14.3L x 14.3W x 6.0H (mm)
 0.56L x 0.56W x 0.24H (in)

02-271F



Description: SMD toroidal common mode chokes. 4-pad inductors.
Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.
RoHS Compliant Parts Available

Parallel
 OCL: 0.40 μ H ~ 302.50 μ H $\pm$ 20%
 DCR: 0.005 Ω ~ 1.431 Ω
 Full Load Current: 0.22Adc ~ 5.5Adc
 Size: 11.4L x 5.12H (mm)
 0.45L x 0.20H (in)

02-272F



Description: SMD toroidal common mode chokes. 4-pad inductors.
Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.
RoHS Compliant Parts Available

Parallel
 OCL: 0.402 μ H ~ 300.80 μ H $\pm$ 20%
 DCR: 0.0037 Ω ~ 1.181 Ω
 Irms: 0.56A ~ 10A
 Size: 11.4L x 5.12H (mm)
 0.45L x 0.20H (in)

02-273F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel
 OCL: 0.42μH ~ 299.87μH ±20%
 DCR: 0.005Ω ~ 1.525Ω
 Full Load Current: 0.32Adc ~ 5.5Adc
 Size: 11.4L x 5.12H (mm)
 0.45L x 0.20H (in)

02-274F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel
 OCL: 0.42μH ~ 300.80μH ±20%
 DCR: 0.005Ω ~ 1.231Ω
 Full Load Current: 0.38Adc ~ 6.5Adc
 Size: (see spec)

02-275F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel
 OCL: 0.284μH ~ 303.70μH ±20%
 DCR: 0.0033Ω ~ 1.174Ω
 Irms: 0.58A ~ 10.9A
 Size: (see spec)

02-207F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant

Parallel
 OCL: 0.54μH ~ 300.42μH ±20%
 DCR: 0.006Ω ~ 1.176Ω
 Full Load Current: 0.42Adc ~ 5.90Adc
 Size: 11.4L x 6.9H (mm)
 0.45L x 0.27H (in)

02-276F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel
 OCL: 0.38μH ~ 301.06μH ±20%
 DCR: 0.005Ω ~ 0.951Ω
 Full Load Current: 0.40Adc ~ 6.0Adc
 Size: 13.9L x 5.74H (mm)
 0.55L x 0.23H (in)

02-277F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel

OCL: 0.368μH ~ 296.20μH ±20%
DCR: 0.0032Ω ~ 1.309Ω
I_{rms}: 0.56A ~ 11.4A
Size: 13.9L x 5.74H (mm)
0.55L x 0.23H (in)

02-278F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel

OCL: 0.46μH ~ 298.39μH ±20%
DCR: 0.006Ω ~ 0.926Ω
Full Load Current: 0.50Adc ~ 6.20Adc
Size: 13.9L x 5.74H (mm)
0.55L x 0.23H (in)

02-279F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel

OCL: 0.44μH ~ 298.12μH ±20%
DCR: 0.004Ω ~ 0.672Ω
Full Load Current: 0.62Adc ~ 7.0Adc
Size: 13.9L x 6.90H (mm)
0.55L x 0.27H (in)

02-280F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant Parts Available

Parallel

OCL: 0.313μH ~ 302.80μH ±20%
DCR: 0.0030Ω ~ 0.787Ω
I_{rms}: 0.75A ~ 12.2A
Size: 13.9L x 6.90H (mm)
0.55L x 0.27H (in)

02-208F



Description: SMD toroidal common mode chokes. 4-pad inductors.

Applications: Single inductors, 1:1 coupled inductors, and 1:1 isolation transformers.

RoHS Compliant

Parallel

OCL: 0.49μH ~ 298.93μH ±20%
DCR: 0.005Ω ~ 1.003Ω
Full Load Current: 0.54Adc ~ 7.9Adc
Size: 13.9L x 6.90H (mm)
0.55L x 0.27H (in)

Wire-wound Chip Inductors - Open

02-209F



Description: SMD high current ferrite core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 1.0 μ H ~ 330 μ H $\pm$ 20%
 Test Freq: 100kHz
 SRF: 3.5MHz ~ 340MHz
 DCR: 0.14 Ω ~ 18.9 Ω
 Isat: 0.06A ~ 0.9mA
 Irms: 0.11A ~ 1.60mA
 Size: 3.38L x 3.0W x 2.03H (mm)
 0.133L x 0.118W x 0.08H (in)

02-210F



Description: SMD high current ferrite core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant Parts Available

Inductance: 0.005 μ H ~ 100 μ H
 Test Freq: 0.796MHz ~ 100MHz
 SRF: 12MHz ~ 3000MHz
 DCR: 0.25 Ω ~ 21 Ω
 Rated DC: 120mA ~ 2000mA
 Size: 2.92L x 2.79W x 2.1H (mm)
 0.113L x 0.108W x 0.081H (in)

02-211F



Description: SMD shielded high current wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq: 100kHz
 SRF: 1.5MHz ~ 344MHz
 DCR: 0.05 Ω ~ 29.2 Ω
 IDC: 0.10A ~ 3.0A (see spec)
 Size: 3.81L x 3.81W x 2.94H (mm)
 0.15L x 0.15W x 0.116H (in)

02-212F



Description: SMD high current ferrite core wire-wound chip inductor.

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio & video equipment, TV, radio and telecommunication equipment.

RoHS Compliant Parts Available

Inductance: 0.47 μ H ~ 680 μ H
 Test Freq: 0.796MHz ~ 25.2MHz
 SRF: 2.0MHz ~ 450MHz
 DCR: 0.7 Ω ~ 28 Ω
 Rated DC: 65mA ~ 1800mA
 Size: 3.7L x 2.9W x 2.6H (mm)
 0.146L x 0.114W x 0.102H (in)

Wire-wound Chip Inductors - Molded

02-213F



Description: High current, ferrite core, wire-wound high current molded chip inductor.

Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant Parts Available

Inductance: 1.0 μ H ~ 1000 μ H
 Test Freq: 0.796MHz ~ 7.96MHz
 SRF: 2.3MHz ~ 200MHz
 DCR: 0.11 Ω ~ 50 Ω
 Current: 55mA ~ 1050mA
 Size: 4.5L x 3.2W x 3.2H (mm)
 0.18L x 0.12W x 0.12H (in)

02-214F



Description: Ferrite core, wire-wound high current molded chip inductor.

Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant

Inductance: 1.0μH ~ 1000μH
Test Freq: 0.252MHz ~ 7.96MHz
SRF: 1.8MHz ~ 95MHz
DCR: 0.03Ω ~ 15.0Ω
Current: 85mA ~ 1800mA
Size: 5.6L x 5.0W x 4.0H (mm)
0.22L x 0.20W x 0.16H (in)

02-215F



Description: Ferrite core wire-wound molded chip inductor.

Applications: TV's, VCR's, disk drives, computer peripherals, electronic control boards for automobiles and telecommunication devices.

RoHS Compliant

Inductance: 1.0μH ~ 100μH
Test Freq: 0.796MHz ~ 7.96MHz
SRF: 8MHz ~ 100MHz
DCR: 0.156Ω ~ 7.0Ω
IDC: 75mA ~ 770mA
Size: 3.2L x 2.5W x 2.2H (mm)
0.13L x 0.10W x 0.09H (in)

DIP Inductors

02-216F



Description: DIP shielded power inductor.

Applications: Motherboards for laptop and desktop computers and DC/DC converters.

RoHS Compliant

Inductance: 0.56μH ~ 4.7μH
Test Freq: 100kHz
DCR: 2.2mΩ ~ 15mΩ
Irms: 7.2A ~ 18A
Size: see website for more info

02-217F



Description: DIP shielded power inductor.

Applications: Motherboards for laptop and desktop computers and DC/DC converters.

RoHS Compliant

Inductance: 0.22μH ~ 4.7μH
Test Freq: 100kHz
DCR: 0.50mΩ ~ 8.8mΩ
Irms: 10A ~ 38A
Size: see website for more info

02-218F



Description: DIP shielded power inductor.

Applications: Motherboards for laptop and desktop computers and DC/DC converters.

RoHS Compliant

Inductance: 0.33μH ~ 1.5μH
Test Freq: 100kHz
DCR: 0.55mΩ ~ 1.5mΩ
Irms: 25A ~ 40A
Size: see website for more info

02-219F

Description: DIP shielded power inductor.

Applications: Television sets, video, industrial and communication equipment.

RoHS Compliant

Inductance: 10 μ H ~ 33 μ H
 Test Freq: 10kHz
 DCR: 10m Ω ~ 23m Ω
 Irms: 6A ~ 11A
 Size: see website for more info

02-220F

Description: DIP shielded power inductor.

Applications: Power line DC/DC converter applications used in power switching, personal computers and other hand held electronics equipment.

RoHS Compliant

Inductance: 0.25 μ H ~ 0.68 μ H
 Test Freq: 100kHz
 DCR: 0.60m Ω ~ 1.0m Ω
 Irms: 30A ~ 40A
 Size: see website for more info

Drum Cores - Radial**02-221F**

Description: Radial leaded drum core inductor.

Applications: Used in Switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters.

RoHS Compliant Parts Available

Inductance: 1.0 μ H ~ 560 μ H
 Test Freq: 1.0kHz
 DCR: 0.003 Ω ~ 0.696 Ω
 IDC: 0.8A ~ 9.0A (max.)
 Size: 17D x 22H (mm)
 0.67D x 0.87H (in)

02-222F

Description: Radial leaded drum core inductor.

Applications: Used in Switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters.

RoHS Compliant

Inductance: 1.0 μ H ~ 2200 μ H
 Test Freq: 1.0kHz
 DCR: 0.003 Ω ~ 1.5 Ω
 IDC: 0.8A ~ 11.4A
 Size: 22D x 22H (mm)
 0.87D x 0.87H (in)

02-223F

Description: Radial leaded drum core inductor.

Applications: Used in Switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters.

RoHS Compliant Parts Available

Inductance: 1.5 μ H ~ 4700 μ H
 Test Freq: 1.0kHz
 DCR: 0.003 Ω ~ 1.9 Ω
 IDC: 1.0A ~ 21A (max.)
 Size: 28D x 22H (mm)
 1.1D x 0.87H (in)

02-224F



Description: Radial leaded drum core inductor.
Applications: Used in Switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters.
RoHS Compliant

Inductance: 1.8μH ~ 15000μH
 Test Freq: 1.0kHz
 DCR: 0.002Ω ~ 3.390Ω
 Saturated Curr.: 1.3A ~ 27A (max.)
 Size: 38.1D x 26.2H (mm)
 1.50D x 1.03H (in)

Peaking Coils - Radial

02-225F



Description: Radial leaded fixed inductor (UL sleeved).
Applications: Ideal as a choke coil for noise filtering.
Engineering Kit Available
RoHS Compliant

Inductance: 100μH ~ 33000μH
 Test Freq: 79.6kHz ~ 796kHz
 SRF: 0.30MHz ~ 5.3MHz
 DCR: 2.0Ω ~ 80Ω
 Rated DC: 30mA ~ 200mA
 Size: 8.3D x 11.2H (mm)
 0.33D x 0.44H (in)

02-226F



Description: Radial leaded fixed inductor (UL sleeved).
Applications: Ideal as a choke coil and a trap coil for low profile equipment. Winding core is encapsulated in heat shrink plastic housing providing mechanical and environmental protection.
Engineering Kit Available
RoHS Compliant

Inductance: 0.10mH ~ 15mH
 Test Freq: 79.6kHz ~ 796kHz
 SRF: 0.50MHz ~ 6.1MHz
 DCR: 2.0Ω ~ 80Ω
 Rated DC: 20mA ~ 200mA
 Size: 8.0D x 6.2H (mm)
 0.32D x 0.24H (in)

02-227F



Description: Radial leaded fixed inductor (UL sleeved).
Applications: Ideal as a choke coil for noise filtering and DC/DC converter applications. General applications.
Engineering Kit Available
RoHS Compliant

Inductance: 1.0μH ~ 4700μH
 Test Freq: 0.252MHz ~ 7.96MHz
 SRF: 0.5MHz ~ 150MHz
 DCR: 0.01Ω ~ 16Ω
 Rated DC: 0.05A ~ 10A
 Size: 8.5D x 11H (mm)
 0.34D x 0.43H (in)

02-228F



Description: Radial leaded fixed inductor.
Applications: High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.
RoHS Compliant

Inductance: 10μH ~ 1000μH
 Test Freq: 1.00kHz ~ 2.52MHz
 DCR: 0.040Ω ~ 3.20Ω
 Rated DC: 0.36A ~ 3.60A
 Size: 10D x 6.0H (mm)
 0.40D x 0.24H (in)

02-229F



Description: Radial leaded fixed inductor.

Applications: High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 1000μH
 Test Freq: 1.00KHz ~ 2.52MHz
 DCR: 0.027Ω ~ 2.10Ω
 Rated DC: 0.45A ~ 4.50A
 Size: 10D x 8.0H (mm)
 0.40D x 0.31H (in)

02-230F



Description: Radial leaded fixed inductor.

Applications: High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 1000μH
 Test Freq: 1.00KHz ~ 2.52MHz
 DCR: 0.022Ω ~ 1.70Ω
 Rated DC: 0.53A ~ 5.30A
 Size: 10D x 10H (mm)
 0.40D x 0.40H (in)

02-231F



Description: Radial leaded fixed inductor.

Applications: High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 6.3μH ~ 39000μH
 Test Freq: 1.00KHz ~ 2.52MHz
 DCR: 0.026Ω ~ 58.0Ω
 Rated DC: 0.09A ~ 4.30A
 Size: 10D x 14.4H (mm)
 0.40D x 0.57H (in)

02-232F



Description: Radial leaded fixed inductor.

Applications: Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 22μH ~ 1000μH
 Test Freq: 1.00KHz ~ 2.52MHz
 DCR: 0.18Ω ~ 7.06Ω
 Rated DC: 0.13A ~ 0.90A
 Size: 6.0D x 5.0H (mm)
 0.24D x 0.20H (in)

02-233F



Description: Radial leaded fixed inductor.

Applications: Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 1.0μH ~ 1000μH
 Test Freq: 1.00KHz ~ 7.96MHz
 DCR: 0.0183Ω ~ 4.45Ω
 Rated DC: 0.19A ~ 4.0A
 Size: 6.0D x 6.5H (mm)
 0.24D x 0.26H (in)

02-234F



Description: Radial leaded fixed inductor.

Applications: Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 10000μH
Test Freq: 1.00KHz ~ 2.52MHz
DCR: 0.07Ω ~ 55.7Ω
Rated DC: 0.081A ~ 2.5A
Size: 7.8D x 5.5H (mm)
0.30D x 0.22H (in)

02-235F



Description: Radial leaded fixed inductor.

Applications: High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 10000μH
Test Freq: 1.00KHz ~ 2.52MHz
DCR: 0.05Ω ~ 33.0Ω
Rated DC: 0.084A ~ 2.90A
Size: 7.8D x 7.5H (mm)
0.30D x 0.30H (in)

02-236F



Description: Radial leaded fixed inductor.

Applications: Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 47000μH
Test Freq: 1.00KHz ~ 2.52MHz
DCR: 0.04Ω ~ 96.40Ω
Rated DC: 0.038A ~ 2.60A
Size: 7.8D x 9.5H (mm)
0.30D x 0.37H (in)

02-303F



Description: Radial leaded fixed inductor (UL Sleeved).

Applications: Ideal as a choke coil for noise filtering.

RoHS Compliant

Inductance: 10μH ~ 18000μH
Test Freq: 100KHz
DCR: 0.030Ω ~ 36.0Ω
Isat: 0.10A ~ 4.20A
Size: 9.5D x 11.5H (mm)
0.37D x 0.45H (in)

02-237F



Description: Radial leaded fixed inductor (UL Sleeved).

Applications: Ideal as a choke coil for noise filtering.

RoHS Compliant

Inductance: 12μH ~ 18000μH
Test Freq: 100KHz
DCR: 0.025Ω ~ 33.0Ω
Isat: 0.14A ~ 5.60A
Size: 11.0D x 11.5H (mm)
0.43D x 0.45H (in)

Power Inductor for Digital Amplifiers

02-238F



Description: Inductor for digital amplifier LPF.

Applications: Suitable as choke coil for digital amplifier. Audio, DVD 5.1ch home theater, AV amplifier, LCD, PDP. Usable as a choke coil for power supplies, etc.

RoHS Compliant

Inductance: 10 μ H ~ 33 μ H
 Test Freq: 1.00KHz
 DCR: 5.4m Ω ~ 14.7m Ω
 Rated DC: 3.4A ~ 6.0A
 Size: 13L x 15H (mm)
 0.51L x 0.59H (in)

02-239F



Description: Inductor for digital amplifier LPF.

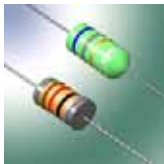
Applications: Suitable as choke coil for digital amplifier. Audio, DVD 5.1ch home theater, AV amplifier, LCD, PDP. Usable as a choke coil for power supplies, etc.

RoHS Compliant

Inductance: 10 μ H ~ 33 μ H
 Test Freq: 1.00KHz
 DCR: 5.9m Ω ~ 17.5m Ω
 Rated DC: 6.1A ~ 8.3A
 Size: 14L x 16H (mm)
 0.55L x 0.63H (in)

Power Line Chokes - Axial

02-240F



Description: Miniature axial leaded power line inductor.

Applications: Step up or step down switching regulators, continuous voltage supplies. high voltage, line filtering, surge suppression, SCR & Triac controls and various applications.

RoHS Compliant

Inductance: 1.0 μ H ~ 10000 μ H
 Test Freq: 1.0kHz ~ 7.9MHz
 DCR: 0.02 Ω ~ 75 Ω
 Rated DC: 52mA ~ 3300mA
 Size CTH6E: 4.06D x 12.7L (mm)
 (Max.) 0.16D x 0.5L (in)
 Size CTH6V: 3.5D x 10L (mm)
 (Max.) 0.14D x 0.4L (in)

02-241F



Description: Axial leaded power line inductor (UL sleeved)

Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters. Various applications.

Engineering Kit Available

RoHS Compliant

Inductance: 3.9 μ H ~ 18000 μ H
 Test Freq: 1.0kHz
 SRF: 0.30MHz ~ 38MHz
 DCR: 0.02 Ω ~ 48 Ω
 Saturation D.C: 0.09A ~ 7.3A
 Rated A.C: 0.04A ~ 1.3A
 Size: 7.37D x 15.3L (mm)
 0.29D x 0.6L (in)

02-242F



Description: Radial leaded power line inductor (Varnished)

Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters. Various applications.

RoHS Compliant Parts Available

Inductance: 3.9 μ H ~ 18000 μ H
 Test Freq: 1.0kHz
 SRF: 0.30MHz ~ 38MHz
 DCR: 0.02 Ω ~ 48 Ω
 Saturation D.C: 0.09A ~ 7.3A
 Rated A.C: 0.04A ~ 1.3A
 Size: 6.85D x 15.3L (mm)
 0.27D x 0.6L (in)

02-243F



Description: Axial leaded power line inductor (UL sleeved)
Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters. Various applications.
Engineering Kit Available
RoHS Compliant

Inductance: 3.9 μ H ~ 100000 μ H
 Test Freq: 1.0kHz
 SRF: 0.10MHz ~ 34MHz
 DCR: 0.01 Ω ~ 72 Ω
 Saturation D. C.: 0.10A ~ 15A
 Rated A. C.: 0.07A ~ 4.0A
 Size: 11.4D x 22.8L (mm)
 0.45D x 0.89L (in)

02-244F



Description: Axial leaded power line inductor (Varnished)
Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters. Various applications.
RoHS Compliant Parts Available

Inductance: 3.9 μ H ~ 100000 μ H
 Test Freq: 1.0kHz
 SRF: 0.10MHz ~ 34MHz
 DCR: 0.01 Ω ~ 72 Ω
 Saturation D. C.: 0.10A ~ 15A
 Rated A. C.: 0.07A ~ 4.0A
 Size: 11.4D x 22.8L (mm)
 0.45D x 0.9L (in)

02-245F



Description: Axial leaded power line inductor.
Applications: Used in switching regulators, SCR and Triac controls, RFI suppressions and filters. High current applications.
RoHS Compliant

Inductance : 3.35 μ H ~ 1000 μ H
 Test Freq: 1.0kHz
 DCR: 0.01 Ω ~ 0.55 Ω
 Rated Current: 1.0A ~ 20A
 Size: 1.25L x 0.31D ~ 0.60D (mm)
 31.8L x 7.90D ~ 15.2D (in)

Power Line Chokes - Radial

02-246F



Description: Radial leaded power line inductor (UL sleeved)
Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters. Various applications.
RoHS Compliant

Inductance: 3.9 μ H ~ 22000 μ H
 Test Freq: 1.0kHz
 SRF: 0.30MHz ~ 38MHz
 DCR: 0.02 Ω ~ 49 Ω
 Saturation D.C.: 0.085A ~ 7.3A
 Rated A.C.: 0.04A ~ 1.3A
 Size: 7.62D x 15.3H (mm)
 0.3D x 0.6H (in)

02-247F



Description: Radial leaded power line inductor (UL sleeved)
Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters. Various applications.
RoHS Compliant

Inductance: 3.9 μ H ~ 100000 μ H
 Test Freq: 1.0kHz
 SRF: 0.10MHz ~ 34MHz
 DCR: 0.01 Ω ~ 72 Ω
 Saturation D. C.: 0.10A ~ 15A
 Rated A. C.: 0.07A ~ 4.0A
 Size: 11.9D x 23.3H (mm)
 0.47D x 0.92H (in)

02-248F

Description: High current filter inductor.

Applications: Noise filtering for switching regulators, power amplifiers, power supplies, and SCR & Triac control circuits.

RoHS Compliant

Inductance: 5.0μH ~ 250μH
 DCR: 0.009Ω ~ 0.9Ω
 Rated Current: 5.0A ~ 24A
 Incr: 4.0A ~ 25A
 Size: Sizes vary. See spec.

Shielded Peaking Coils - Radial**02-249F**

Description: Radial leaded (shielded) fixed inductor.

Applications: Ideal as a choke coil for noise filtering. Suitable for use in audio processing circuit for low, high and bandpass filtering.

RoHS Compliant

Inductance: 1.0mH ~ 120mH
 Test Freq: 1.0kHz
 SRF: 0.08MHz ~ 0.77MHz
 DCR: 3.4Ω ~ 97Ω
 Rated DC: 8.0mA ~ 90mA
 Size: 10.8D x 14H (mm)
 0.43D x 0.55H (in)

02-250F

Description: Radial leaded fixed inductor.

Applications: Magnetically shielded. High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 1000μH
 Test Freq: 1.00kHz ~ 2.52MHz
 DCR: 0.05Ω ~ 2.30Ω
 Rated DC: 0.28A ~ 2.80A
 Size: 10D x 8.0H (mm)
 0.40D x 0.31H (in)

02-251F

Description: Radial leaded fixed inductor.

Applications: Magnetically shielded. High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 1000μH
 Test Freq: 1.00kHz ~ 2.52MHz
 DCR: 0.023Ω ~ 1.50Ω
 Rated DC: 0.35A ~ 3.51A
 Size: 10D x 10.5H (mm)
 0.40D x 0.41H (in)

02-252F

Description: Radial leaded fixed inductor.

Applications: Magnetically shielded. High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications.

RoHS Compliant

Inductance: 10μH ~ 10000μH
 Test Freq: 1.00kHz ~ 2.52MHz
 DCR: 0.05Ω ~ 35.0Ω
 Rated DC: 0.074A ~ 2.40A
 Size: 7.8D x 7.5H (mm)
 0.30D x 0.30H (in)

Toroids - Radial

02-253F



Description: Vertical or horizontal toroid inductor.
Applications: EMI/RFI filter applications and heavy duty applications.
RoHS Compliant

Inductance: 5.0 μ H ~ 8200 μ H
 Test Freq: 1.0kHz
 Rated DC: 0.5A ~ 10A
 Outside Dia.: 10.5 ~ 44 (mm)
 0.41 ~ 1.73 (in)
 Width: 5.5 ~ 22 (mm)
 0.22 ~ 0.87 (in)
 Wire: 12 -30 (AWG)

02-254F



Description: Toroildal Chokes for Class D amplifiers.
Applications: Powered Loudspeakers, electronic motor drives, portable amps, PA systems and car amps.
RoHS Compliant

Inductance: 4.7 μ H ~ 56 μ H
 Test Freq: 10kHz
 DCR: 0.008 Ω ~ 0.085 Ω
 Wire: 14 -24 (AWG)