

EMI Components

Chip Bead



Single Type
Size(Inches) : 01005~1812
Impedance : 10~2500ohm
Rated Current : 100~900mA



High Current Type
Size(Inches) : 0201 / 0402 / 0603 / 0805 /
1206 / 1806 / 1812
Impedance : 10~1500ohm
Rated Current : 1000~6000mA



GHz Type
Size(Inches) : 0402
Impedance : 600~1800ohm
Rated Current : 200~300mA



Array Type
Size(Inches) : 1206
Impedance : 30~1000ohm
Rated Current : 150~500mA

Chip Inductor



Ferrite Type
Size(Inches) : 0603 / 0805
Inductance : 0.047~10μH
Rated Current : 15~300mA
Tolerance : ±10% / ±20%

Wire Wound Ceramic Inductor



Size(Inches) : 0402 / 0603 / 0805 / 1008
Inductance : 1.0~10000nH
Rated Current : 30~1360mA
Tolerance : ±0.2nH / ±0.3nH / ±2% /
±5% / ±10%

Air Wound Coil



Size : 3.7x3.1~10.6x6.35mm
Inductance : 2.5~538nH
Q(Min) : 87~145
Rated Current : 1.2~4A
Tolerance : ±5%

Chip Power Inductor



Size(Inches) : 0603 / 0805 / 0806
Inductance : 0.47~2.2μH
Rated Current : 2000~4200mA
Tolerance : ±20%

Molding Type Power Inductor



Size : 2.5x2.0~23.0x23.0mm
Inductance : 0.1~150μH
Rated Current : 0.8~80A
Tolerance : ±20%
AEC-Q200 Qualified

Shielding Power Inductor



Size : 2.0x1.6~8.0x8.0mm
Inductance : 0.24~220μH
Rated Current : 0.3~8.5A
Tolerance : ±20% / ±30%
AEC-Q200 Qualified

Choke Coil Power Inductor



Size : 3.0x3.5~12.0x12.0mm
Inductance : 1~1000μH
Rated Current : 0.06~16A
Tolerance : ±10%~±30%

Common Mode Filter



Single Type
Size(Inches) : 0302 / 0504 / 0805 / 1206
Impedance : 12 / 35 / 50 / 65 / 67 / 75 / 90 /
100 / 120 / 160 / 180 / 200 / 220 /
260 / 360 / 600 / 1000 / 2000ohm



Array Type
Size(Inches) : 0805
Impedance : 100ohm

Common Mode ESD Filter



Single Type
Size(Inches) : 0201 / 0302 / 0504
Impedance : 12 / 35 / 50 / 65 / 90ohm
Capacitance(Max) : 1.7pF



Array Type
Size(Inches) : 0603 / 0805
Impedance : 75 / 100ohm
Capacitance(Max) : 1.7pF

EMI ESD Filter



RC Type
4 Elements / 6 Elements / 8 Elements
Package : 0603 / 0805 / 1205 / 1305
Working Voltage : 5.6 / 9 / 14 / 18V
Resistance : 10~400ohm

LAN Transformer



Designed to meet
IEEE802.3af / at / bt requirement
Single to multi-port support
Data rate :
10 / 100M & 10 / 100 / 1000BaseT
& 2.5G & 5G & 10G

Circuit Protection

Varistor



Single Type

Size(Inches) : 0201 / 0402 / 0603 / 0805 / 1206 / 1210 / 1812 / 2220

Capacitance : 3~8500pF
DC Voltage : 5.5~385V



High Current Type

Size(Inches) : 1206 / 1210 / 1812 / 2220
DC Voltage : 9~65V

Surge Current : 500~3000A

(8 / 20 wave form)



High Voltage Type

Size(Inches) : 1206 / 1210

DC Voltage : 9 / 38 / 60V

Surge Current : 100 / 150A

(10 / 700 wave form)

ESD Suppressor



Single Type

Size(Inches) : 0201 / 0402 / 0603

Working Voltage : 5 / 18V / 24V

Capacitance : 0.15pF

TVS Diode



Package :

0201 / 0402 / 0603 / 8L NSOIC / SC-89 / SC-70 / SMA / SMB / SMC / SMB-3 / SMC-3 / DO218 / SOD-123 / SOD-323 / SOD-523 / SOD-923 / SOT-143 / SOT-23 / SOT-23-6 / SOT-363 / SOT-523 / MSOP-10 / MSOP-08 / DFN-10 / DFN-6 / DFN1610 / DFN2626

Working Voltage : 2.5~513V

Minimum Breakdown Voltage : 3.5~630V

AECQ101 Qualified

Bridge Diode



Package : ABF / ABS / MBS / DBS / GBJ / GBU / KBP / D3K

Working Voltage : 50~1000V

Output Current : 0.5~25A

Schottky Diode



Package :

0603 / 0201 / SMA / SMB / SMC / SOD-123 / SOD-323 / SOT-23 / SOT-323 / SOT-523 / TO-277

Reverse Voltage : 50~1000V

Forward Current : 0.5~20A

Rectifier Diode



Package : SMA / SMAF / SMB / SMC / SOD-123 / SOD-123FL / TO-277B

Reverse Voltage : 50~1000V

Forward Current : 1A~20A

Zener Diode



Package : SOD-123 / SOD-323 / SOD-523 / SMA / SMB / SMC / SOT-23 / SOT-323 / DO-35 / DO-41 / LL-34

Zener Voltage : 2.4V~350V

Power Dissipation : 200mW~3000mW

General Purpose Transistor



Package : SC-89 / SOT-23 / SOT-363 / SOT-883

Collector-Emitter Voltage(V) : -40~300V

Power Dissipation : 150mW~350mW

Switching Diode



Package : DFN1006 / SOD-123 / SOD-323 / SOD-523 / SOT-23 / SOT-323

Forward Current:100~715mA

Reverse Voltage:70~250V

Trr:4~50ns

MOSFET



Package : SOT-23 / SOT-23-6L / SOT-223 / SOT-323 / SOT-523 / SOT-723 / SOT-363 / SOT-89 / SOP-8 / DFN1006-3L / DFN5x6-8L

Type:Single-N/Single-P/Dual-N/Dual-P

ESD:YES/NO

VDS:-60~100V

VGS:±6~30V

Thyristor



Different Voltage and Package Selection

Subscription-Line IC (SLIC)

Over Voltage Protection

Fixed Voltage & Programmable

Voltage Selection

Protection Voltage : 15~750V

Safety Standard : GR-1089 / K.20 / K.21 / K.45

GDT



SMD Type

DC Breakdown Voltage : 100V/S : 75~1500V

Impulse Current : @8/20uS : 0.5~20/KA

Radial Type

DC Breakdown Voltage : 100V/S : 75~2000V

Impulse Current : @8/20uS : 3~20/KA

Power TVS Diode



Repetitive Standoff Voltage :

1KA:76V

3KA: 12.8~430V

6KA: 30~430V

10KA: 30~430V

15KA: 12.8 / 42 / 58V

8 / 20μs surge capability

AC line protection

UL Recognized

High power DC bus protection

Low clamping voltage under surge

Modular Products

Surge LAN Transformer



Designed to meet
IEEE802.3af / at requirement
Surge Level : (IEC-61000-4-5)
Differential Mode 2KV
Common Mode 6KV
ESD Level : (IEC-61000-4-2)
Single to multi-port support
Data rate :
10 / 100M & 10 / 100 / 1000BaseT

PoE Guard



High level surge protection device for
equipment with PoE interface.
Surge Level : Max 150A at 10 / 700 μ s
waveform : (IEC-61000-4-5)
ESD Level : (IEC-61000-4-2)
Air + / -30KV Contact : + / -30KV
Compact Size : 16.5 x 12.5 x 3.9mm
High forward current, up to 1A
Low leakage current
Low VF
Working Voltage : 57Vdc

Power Line Application



Suitable for Power system equipment for
AC inlet at 90~305VAC
Surge protection level up to 10KV
Compatible waveform for 1.2 / 50 μ s
& 10 / 700 μ s (IEC-61000-4-5)
Hi-Pot Voltage 1.8KV
Short Circuit Protection
IP67