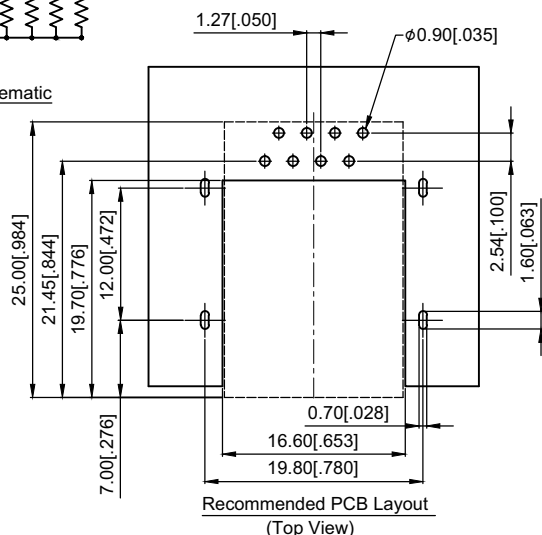
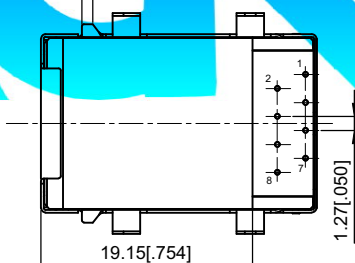
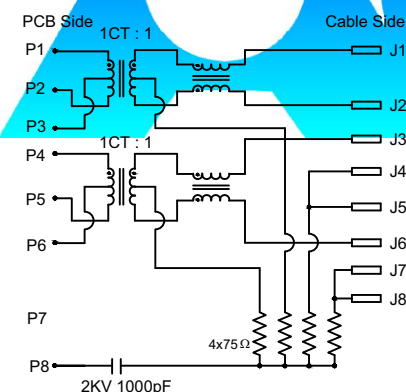
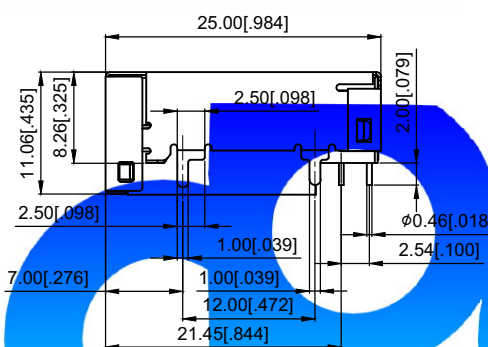
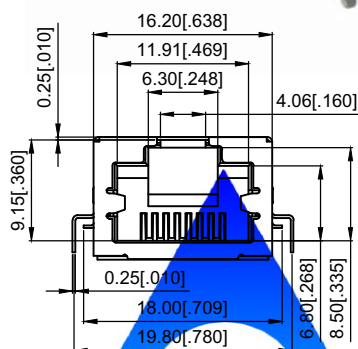
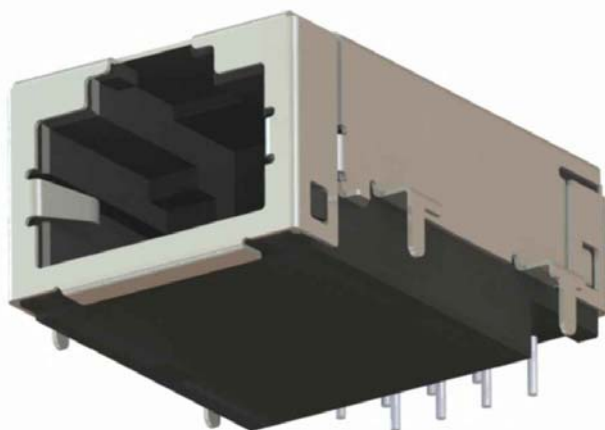


◆ Low Profile Single Port RJ45 10/100 Base-T



Ordering Information:

GDI20 - N3 - 0 8 0 K 3 0 0
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1.Plating Options

K-Gold Flash In Contact Area

Physical:

- ◆ Plastic Housing
High Temp Thermoplastic, 94V-0 Rated,
Black Color
- ◆ Transformer Housing
Phenolic, UL94V-0 Rated, Black Color
- ◆ Terminal
Copper Alloy
- ◆ Terminal Plating
Gold Plating on Contact Area
Tin Plating on Solder Tails
Nickel Underplating Overall

◆ Shell

Copper Alloy
Shell Plating
Nickel Underplating Overall

Mechanical Specifications:

- ◆ Mate Force
22N Max.
- ◆ Durability
200 Cycles
- ◆ Operating Temperature Rating
0°C to +85°C

Electrical Specifications:

- ◆ Contact Resistance
30 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage
500V per Second Max.
- ◆ Insulation Resistance
1000 Megohms Min.

Magnetic Electrical Specifications:

- ◆ Turns Ratio: (P1-P2):(J1-J2):1CT:1CT±5%
(P4-P5):(J3-J6):1CT:1CT±5%
- ◆ Inductance:
(P1-P2):350uH MIN. @0.1V,100KHz, 8mA DC Bias
(P4-P5):350uH MIN. @0.1V,100KHz, 8mA DC Bias
- ◆ Leakage Inductance:
P1-P2(Short J1-J2):0.3uH Max.@1MHz
P4-P5(Short J3-J6):0.3uH Max. @1MHz
- ◆ Interwinding Capacitance:
(P1,P2,P3) to (J1,J2):35pf Max.@1MHz
(P4,P5,P6) to (J3,J6):35pf Max.@1MHz
- ◆ DC Resistance: (J1-J2) and (J3-J6):1.2 ohm Max.
- ◆ Return Loss:(P1-P2) and (P4-P5)@Load 100 ohm
1~30MHz:-18dB Min.
30~60MHz:-16dB Min.
60~80MHz:-12dB Min.
- ◆ Hi-pot :(J1,J2) to (P1,P2,P3):
1500VAC or 2250VDC 60sec@60Hz
(J3,J6) to (P4,P5,P6):
1500VAC or 2250VDC 60sec@60Hz
- ◆ Insertion Loss:1~100 MHz:-1.0 dB Max.
- ◆ Cross Talk:1~100 MHz:-30dB Min.
- ◆ Common to Common Mode Rejection:
1~100MHz:-35dB Min.
- ◆ Rating Current:750mA MAX