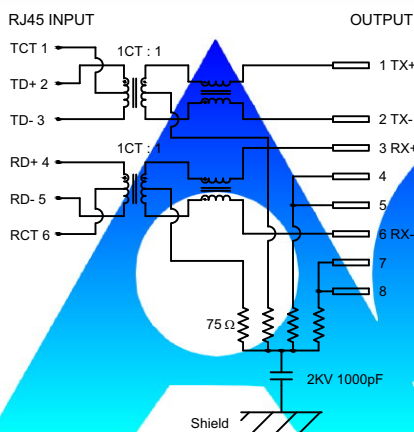
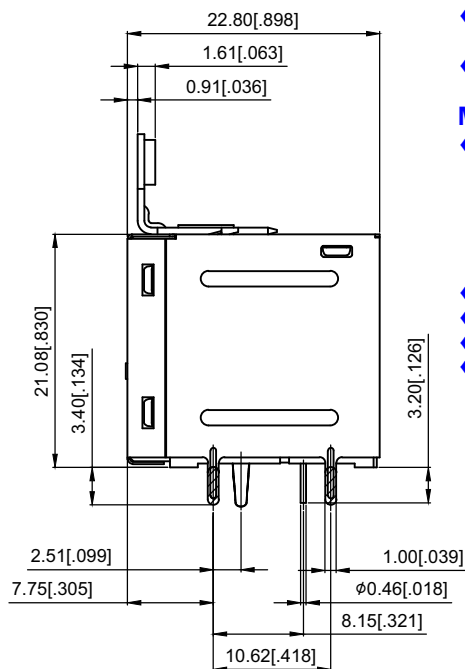
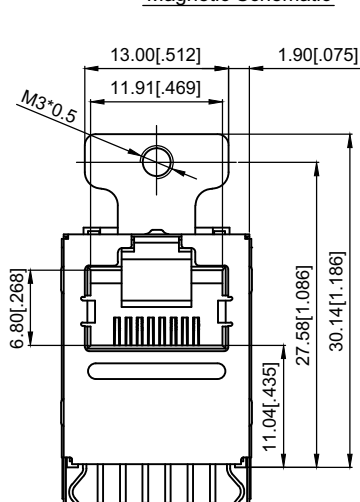


◆ Single Port RJ45, 10/100 Base-T



Magnetic Schematic



Ordering Information:

GDP21 - N3 - 0 6 1 9 3 0 0
1

1. Plating Options
9-30u" Gold In Contact Area

Physical:

- ◆ Plastic Housing
PBT, UL94V-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
- ◆ Front Shell
Stainless Steel
- ◆ Back Shell
Copper Alloy
- ◆ Back Shell Plating
Nickel Underplating Overall
Pre-Soldering on Ground Legs
- ◆ USB Grounding Legs
Steel Alloy
- ◆ USB Grounding Legs Plating
Nickel Underplating Overall
Tin Plating on Solder Tails

- ◆ Nut
Steel Alloy

Mechanical Specifications:

- ◆ Mate Force
22N Max.
- ◆ Durability
1000 Cycles
- ◆ Operating Temperature Rating
0°C to +70°C

Electrical Specifications:

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

Magnetic Electrical Specifications:

- ◆ Transmitter & Receiver Filter:

Insertion Loss (dB Max)	Return Loss at 100 Ω (dB Max)		
1~100MHz	1~30MHz	30~60MHz	60~80MHz
-1.0	-18	-16	-12

- ◆ Common Mode Rejection @ 1~100 MHz: -30dB Min.
- ◆ Cross Talk @ 1~100 MHz: -35dB Min.
- ◆ Inductance @ 100KHz/0.1V, 8mA DC Bias: 350mH Min.
- ◆ Hi-Pot Test: 1500Vrms, 60 Sec

