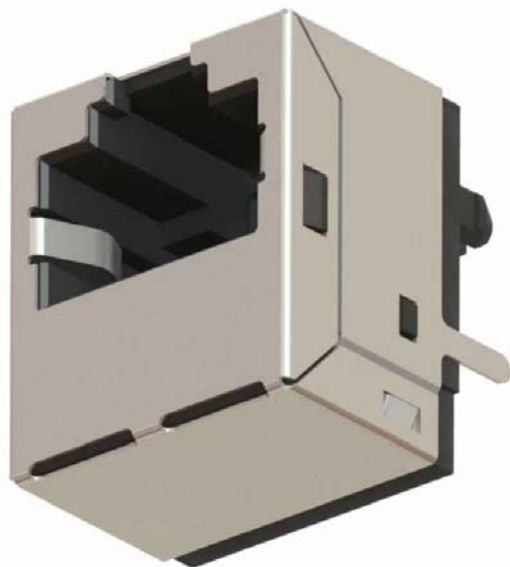


◆ Low Profiles Vertical Modular Jack 10/100 Base-T

Ordering Information:

GDI16 - N3 - 0 8 0 * 3 0 0
1



1. Plating Options

- K-6u" Gold In Contact Area
- 2-3u" Gold In Contact Area

Physical:

- ◆ Plastic Housing
PBT, UL94V-0 Rated, Black Color
- ◆ Spacer 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
Pre-Soldering on Ground Legs

Mechanical Specifications:

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

Electrical Specifications:

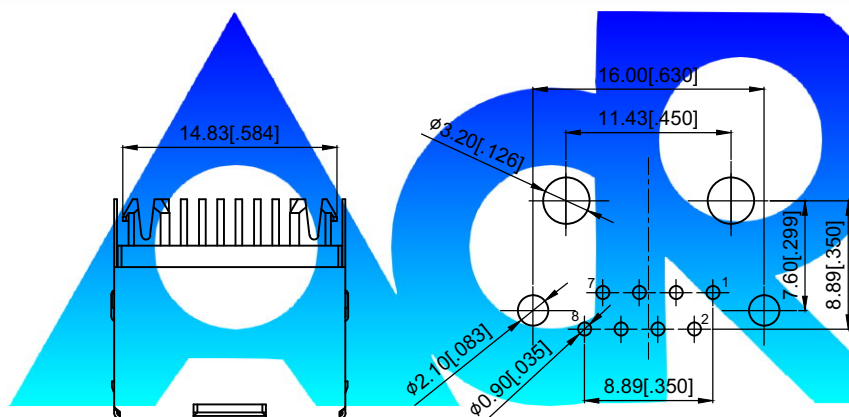
- ◆ Contact Resistance
30 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage
500V per Second Max.
- ◆ Insulation Resistance
1000 Megohms Min.

Magnetic Electrical Specifications:

- ◆ Transmitter & Receiver Filter:

Insertion Loss (dB Max)	Return Loss at 100Ω (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



Recommended PCB Layout
(Top View)

