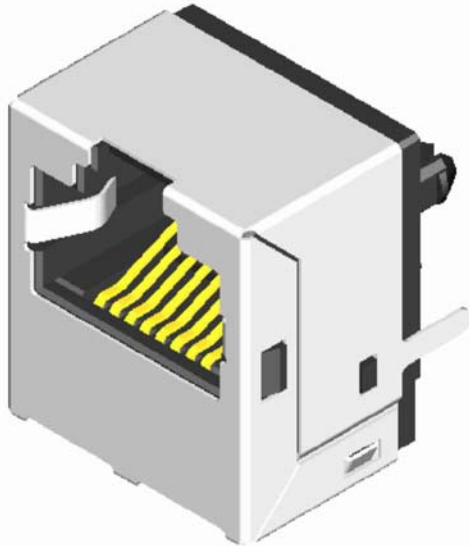


◆ **Low Profiles Vertical Modular Jack 10/100 Base-T**



Ordering Information:

GDI16 - N3 - 0 8 * $\frac{K}{1}$ 3 0 0

- 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 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

