

**GDT Series Vertical CAT5  
Modular Jack**

Features   

- 0.650" Height
- Fully Shielded to reduce EMI/RFI
- Snap in Board Retention Tabs
- CSA/NRTL Certified File No. LR78160

**Performance Specifications**

**Materials and Finish**

**Housing Material**  
PBT Thermoplastic, UL94V-0 Rated, Black Color

**Shield Material**  
Copper Alloy, Nickel Plated

**Contact Material**  
Phosphor Bronze

**Electrical Characteristics**

**Insulation Resistance**  
500 Megohms Min.

**Dielectric Withstanding Voltage**  
1000 Volts RMS for 1 Minute

**Contact Resistance**  
20 Milliohms Max.

**Current Rating**  
1.5 Amps

**MODULAR JACKS AND PLUGS**

*GDT Series*

**Electrical Performance**

Category 5 100MHz Bandwidth Performance  
Attenuation @ 100MHz less than 0.13dB  
Performance meets Near End crosstalk (NEXT)  
Requirements of -40dB @ 100MHz per  
EIA/TIA 568A in applications where UL is used  
Approved Category 5 cable (GA27-3773-1)  
Shield offers 20dB shielding from 30MHz to 300MHz

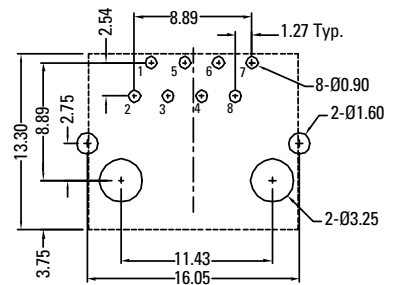
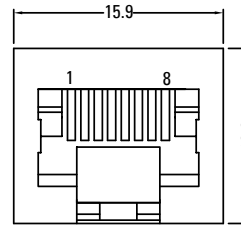
**Ordering Information**

Part Number	Contact Area Plating Finish
GDT-S-88	Gold Flash (standard)
GDT-S-88-50	50u" Gold (50 option)

**Dimensions**

Dimensions in mm

**GDT-S-88**



**Recommended PCB Layout  
(Top View)**

