

## **GDL Series Right Angle Modular Jack**

### **Features**



- 0.492" Height
- Available in SMT and Reflow Compatible Through Hole Designs
- Panel Stops, Shielding and Keying Options Available
- Snap-In Board Retention Tabs
- Available in 6 and 8 Position Housings
- CSA/NRTL Certified File No. LR78160

### **Performance Specifications**

#### **Materials and Finish**

##### **Housing Material**

GDL - PBT Thermoplastic, Glass Filled, UL94V-0 Rated, Black Color

GDLHT, GDL-SMT - High Temperature Thermoplastic, Reflow Compatible 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**

1000V AC for 1 Minute

#### **Contact Resistance**

20 Milliohms Max

#### **Current Rating**

1.5 Amps

## **MODULAR JACKS AND PLUGS**

### *GDL Series*

### **Ordering Information**

GDL	-	A	-	6		6		-
Series		Type		Size of Ports		Number of Contacts		Keying Option
								Plating Options

#### **Series**

GDL - Right Angle Modular Jack PCB Mount  
GDLHT - Reflow Compatible Version  
GDL-SMT - Surface Mount Version

#### **Type**

A - With Panel Stops, Non-Shielded  
N - Without Panel Stops, Non-Shielded  
S - With Panel Stops, Shielded

#### **Size of Ports**

6 - 6 Positions  
8 - 8 Positions

#### **Number of Contacts**

4 - 4 Contacts  
6 - 6 Contacts  
8 - 8 Contacts

#### **Keying Option**

Blank - Standard  
K - Keyed (8 Positions Only)

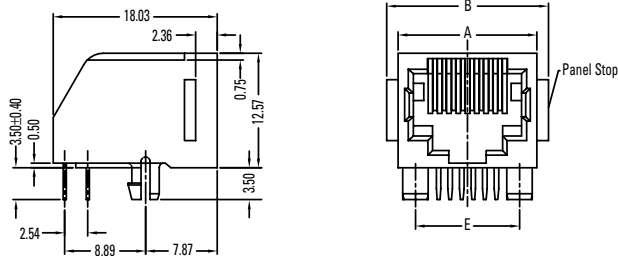
#### **Plating Options**

<b>Designator</b>	<b>Plating Description</b>
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F

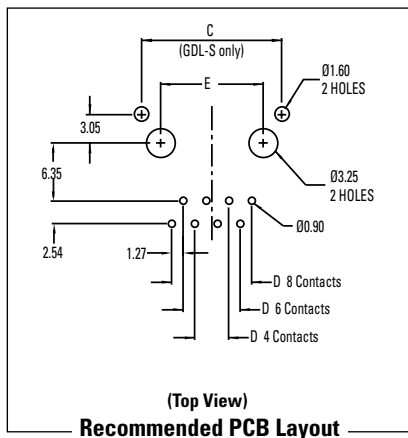
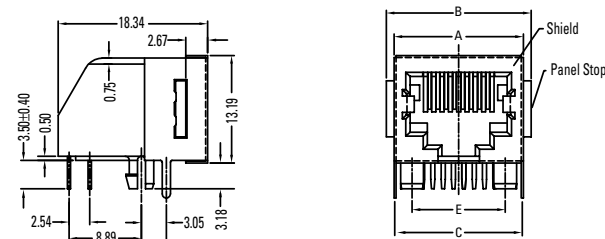
**GDL Series Dimensions**

Dimensions in mm

**GDL, GDLHT Series (Non-Shielded)**



**GDL, GDLHT Series (Shielded)**

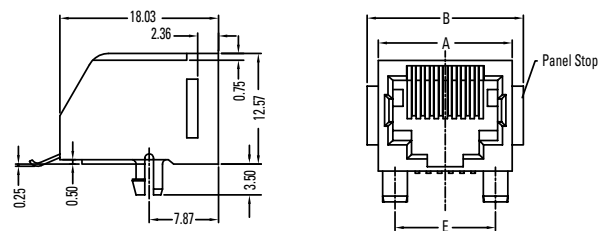


Part Number	A	B	C	D	E
GDL-A-64, GDLHT-A-64	13.21	15.75	—	3.81	10.16
GDL-A-66, GDLHT-A-66	13.21	15.75	—	6.35	10.16
GDL-A-88, GDLHT-A-88	15.24	17.78	—	8.89	11.43
GDL-A-88K	15.24	17.78	—	8.89	11.43
GDL-N-64, GDLHT-N-64	13.21	—	—	3.81	10.16
GDL-N-66, GDLHT-N-66	13.21	—	—	6.35	10.16
GDL-N-88, GDLHT-N-88	15.24	—	—	8.89	11.43
GDL-N-88K	15.24	—	—	8.89	11.43
GDL-S-64, GDLHT-S-64	13.84	15.75	13.72	3.81	10.16
GDL-S-66, GDLHT-S-66	13.84	15.75	13.72	6.35	10.16
GDL-S-88, GDLHT-S-88	15.88	17.78	15.75	8.89	11.43
GDL-S-88K	15.88	17.78	15.75	8.89	11.43

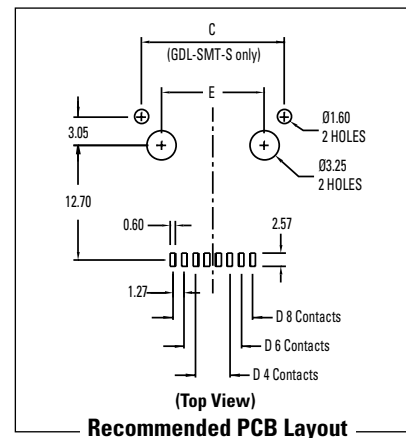
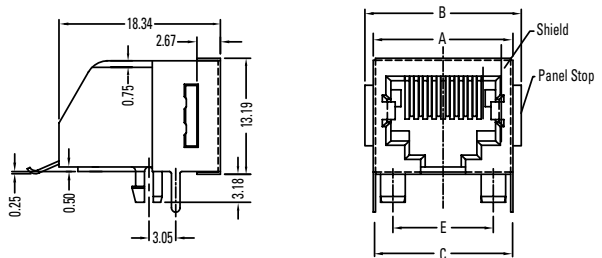
**GDL Series Dimensions**

Dimensions in mm

**GDL-SMT Series (Non-Shielded)**



**GDL-SMT Series (Shielded)**



Part Number	A	B	C	D	E
GDL-SMT-A-64	13.21	15.75	—	3.81	10.16
GDL-SMT-A-66	13.21	15.75	—	6.35	10.16
GDL-SMT-A-88	15.24	17.78	—	8.89	11.43
GDL-SMT-N-64	13.21	—	—	3.81	10.16
GDL-SMT-N-66	13.21	—	—	6.35	10.16
GDL-SMT-N-88	15.24	—	—	8.89	11.43
GDL-SMT-S-88	15.88	17.78	15.75	8.89	11.43