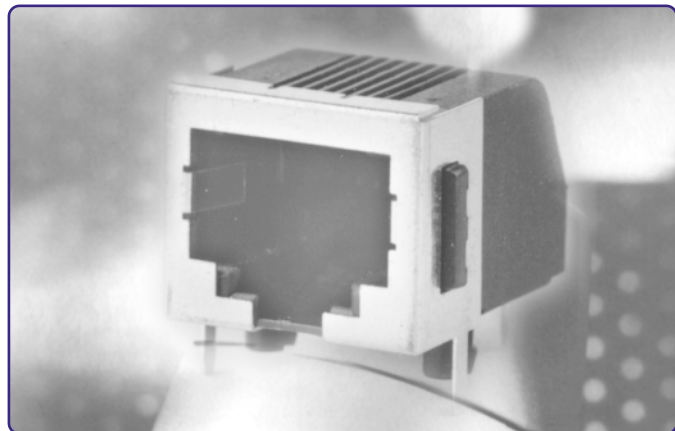




GDL Series Right Angle Modular Jack

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

Designator	Plating Description
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

Dimensions in mm



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 in mm

Figure 1 shows the dimensions of the test specimen. The left diagram is a side profile with dimensions: 0.25, 0.50, 18.34, 2.67, 0.75, 13.19, 3.18, and 3.05. The right diagram is a cross-section with labels: Shield, Panel Stop, and dimensions A, B, C, and E.



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

Mouser Electronics

Authorized Distributor

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Kycon:

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