

GS Series Right Angle Modular Jack

Features



- 0.515" Height
- Snap in Board Retention Tabs
- Available with Ground Tabs
- Available Fully Shielded for Category 5 Applications
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Housing Material

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

Shield

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

GS 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 approved Category 5 cable (GA27-3773-1) is used.

Shielded types offer 20dB shielding from 30MHz to 300MHz

Ordering Information

GS	-	NS	-	8		8	-	3.05	-
Series		Shield Option		Size of Ports		Number of Contacts		Ground Pin Spacing	

Series

GS - Right Angle Modular Jack PCB Mount

Shield Options

N - Non-Shielded

NS - Fully Shielded

NS2 - Fully Shielded with Ground Tabs

Size of Ports

8 - 8 Positions

Number of Contacts

8 - 8 Contacts

Ground Pin Spacing (Shielded Only)

3.05 - 3.05mm

3.68 - 3.68mm

4.57 - 4.57mm

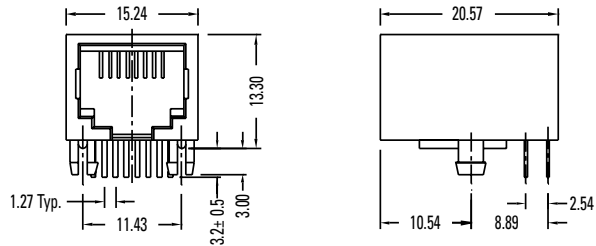
Plating Options

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

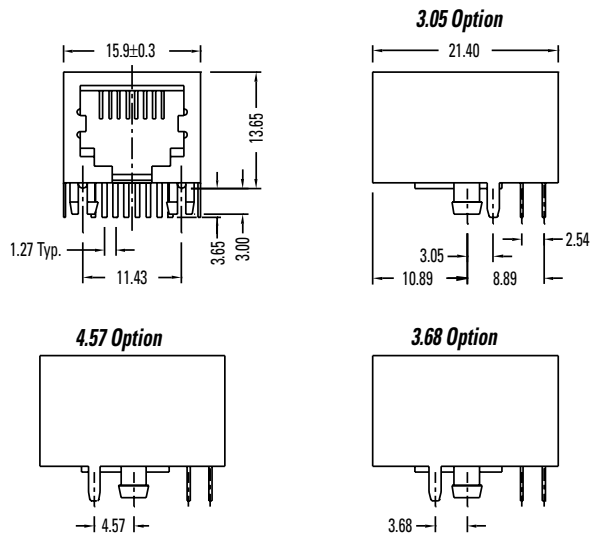
GS Series Dimensions

Dimensions in mm

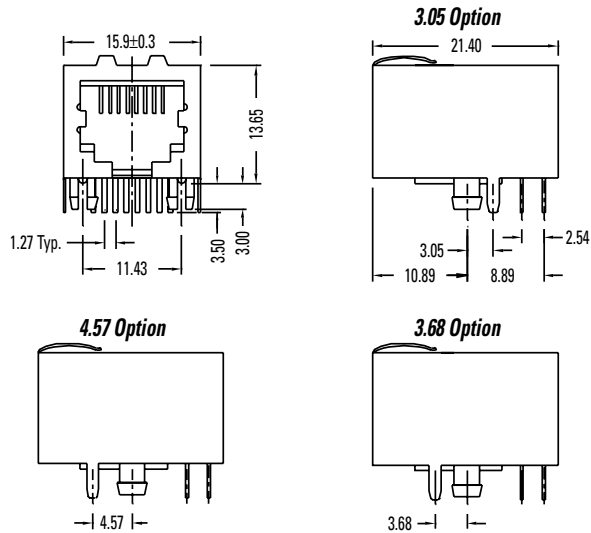
GS-N



GS-NS



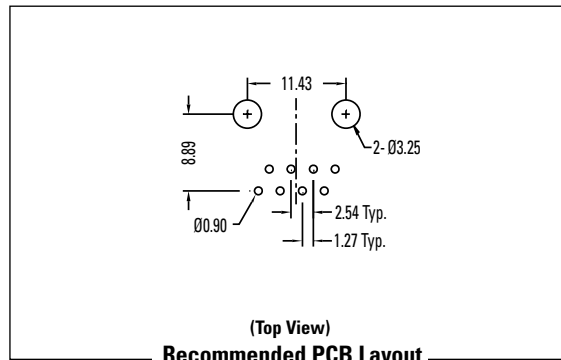
GS-NS2



GS Series Dimensions

Dimensions in mm

GS-N



GS-NS, GS-NS2

