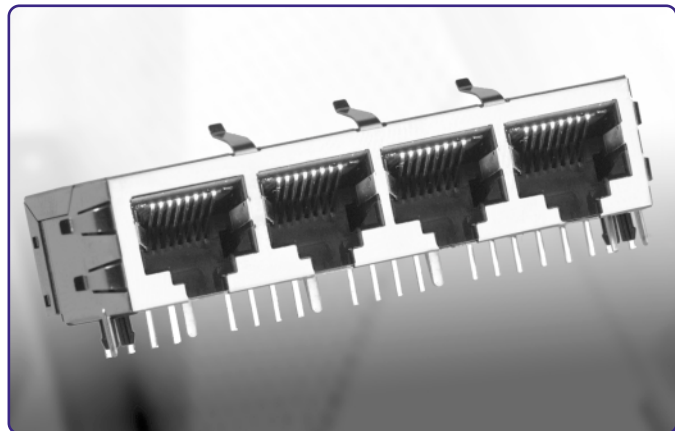




GSG Series Right Angle Gang Jack

Features



- Available in up to 8 Ports
- Available Fully Shielded for Category 5 Applications
- Standard and Reflow Compatible Through Hole Designs Available
- 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

GSG 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

GSG	—	NS	—	4	—	8	—	8	—	—
Series		Shield Option		No. of Ports		Size of Ports		No. of Contacts		Ground Pin Spacing

Series

GSG - Right Angle Gang Jack P.C.B. Mount

Shield Options - Consult Specifications for Details

N - Non-Shielded

NS - Shielded

NS2 - Shielded with Top Only Ground Tabs

NS7 - Shielded with Top and Side Ground Tabs

Number of Ports

2, 4, 5, 6, 8

Size of Ports

8 - 8 Positions

Number of Contacts

8 - 8 Contacts

Ground Pin Spacing for NS shield

Blank - 3.68

4.57 - 4.57mm

Ground Pin Spacing for NS2 shield

3.68 - 3.68mm

4.57 - 4.57mm

Ground Pin Spacing for NS7 shield

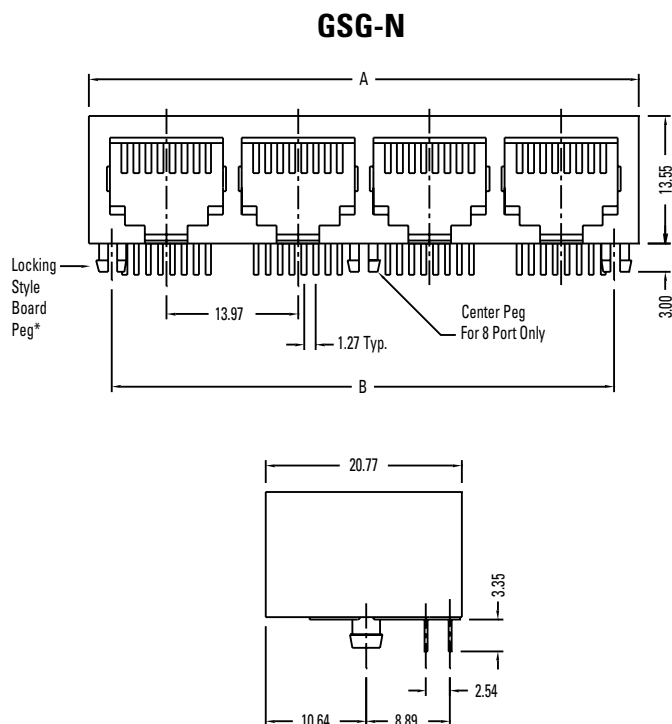
4.57 - 4.57mm

Plating Options

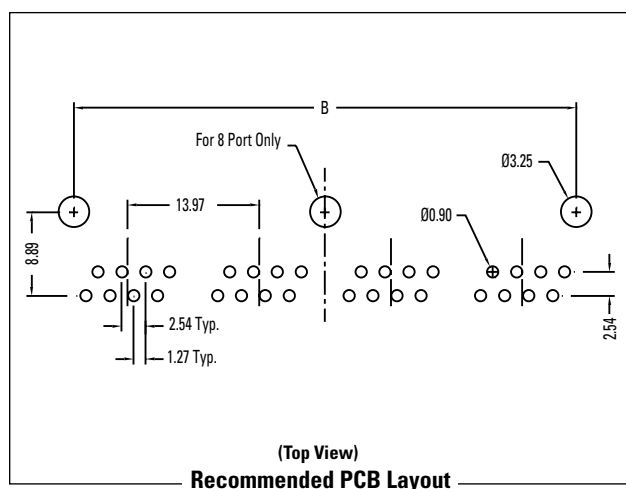
Designator	Plating Description
Standard	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000015 Gold on Contact area
50	Contacts are Plated with 0.0001 Nickel, Selective Plating 0.000050 Gold on Contact area to Comply with FCC Requirements Under No. 47 C.F.R. Part 68 Subpart F

GSG Series Dimensions

Dimensions in mm



GSG-N



Please Consult Factory for PCB Layout for 5 Port

GSG-N	Number of Ports				
	2	4	5	6	8
A	30.48	58.42	72.39	86.36	114.30
B	25.40	53.34	67.31	81.28	109.22

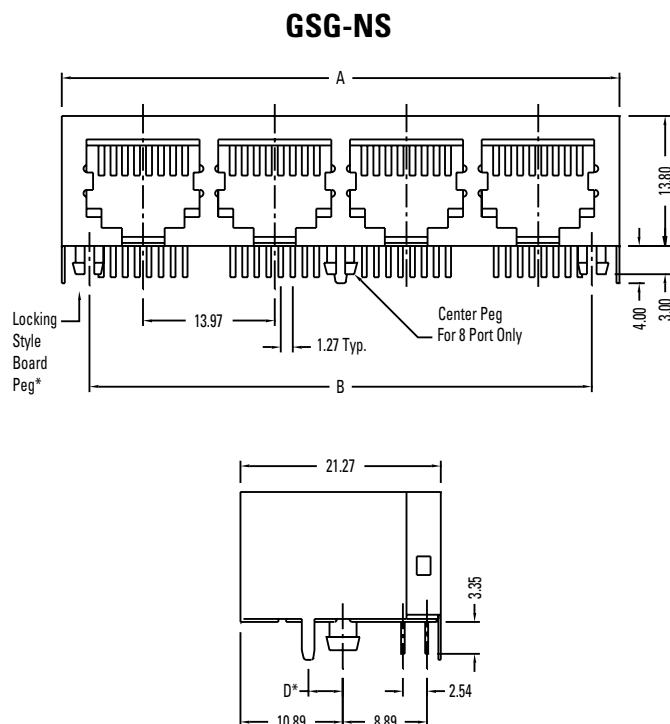
*Some options only available in Diamond Style Board Peg.

MODULAR JACKS AND PLUGS

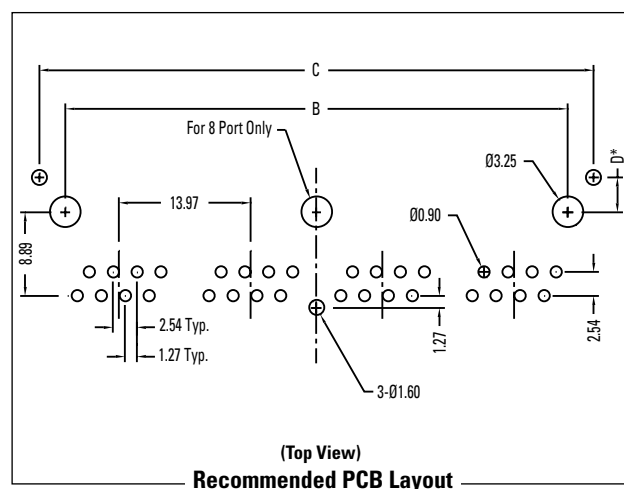
GSG Series

GSG Series Dimensions

Dimensions in mm



GSG-NS



Please Consult Factory for PCB Layout for 5 Port

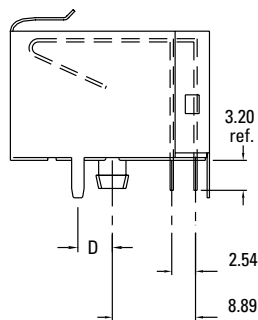
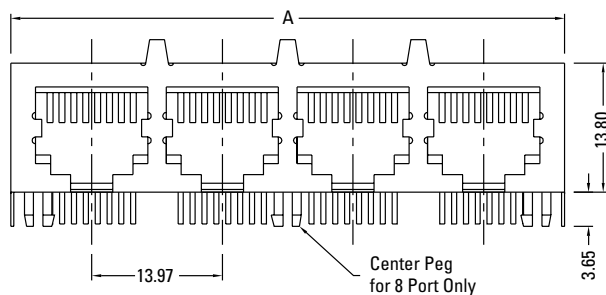
GSG-NS	Number of Ports				
	2	4	5	6	8
A	31.12	59.03	73.03	87.00	114.94
B	25.40	53.34	67.31	81.28	109.22
C	30.87	58.81	72.78	86.75	114.69

D* Ground Pin Spacing, see Page 76 for available options.

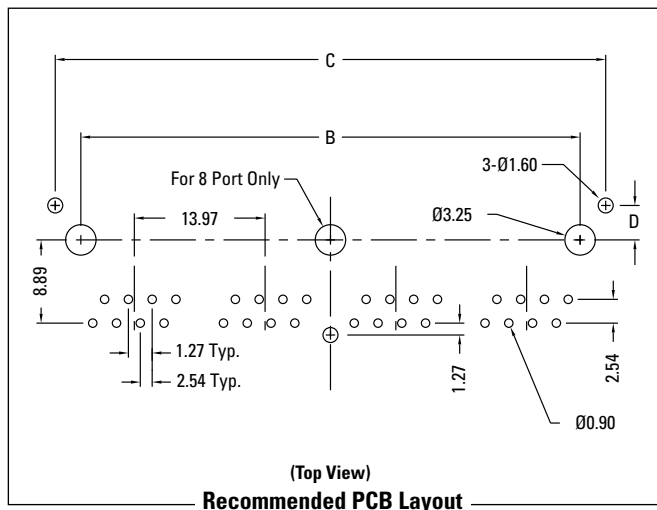
GSG Series Dimensions

Dimensions in mm

GSG-NS2



GSG-NS2



Recommended PCB Layout

GSG-NS2	Number of Ports			
	2	4	6	8
A	31.12	59.03	87.00	114.94
B	25.40	53.34	81.28	109.22
C	30.87	58.81	86.75	114.69

D* Ground Pin Spacing, see Page 76 for available options.

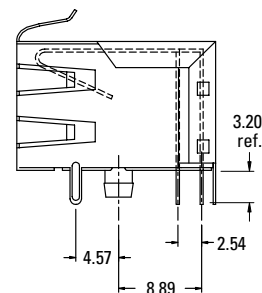
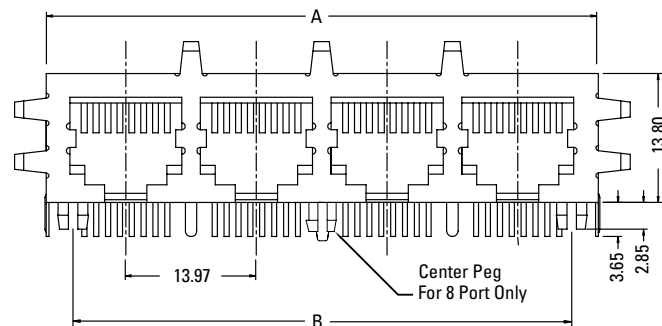
MODULAR JACKS AND PLUGS

GSG Series

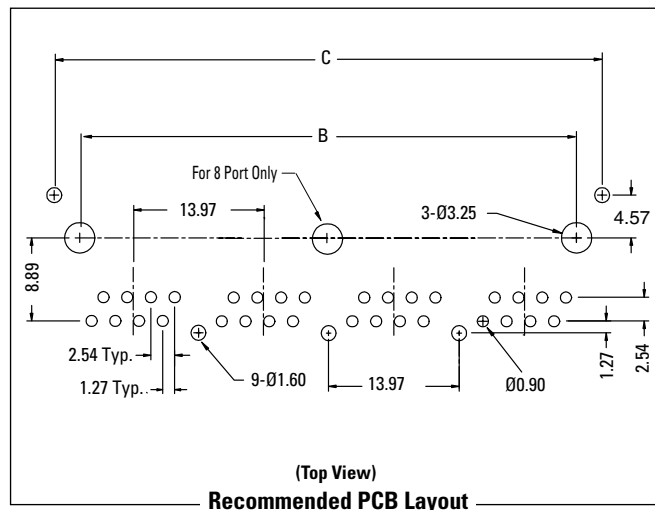
GSG Series Dimensions

Dimensions in mm

GSG-NS7



GSG-NS7



Recommended PCB Layout

GSG-NS7	Number of Ports	
	4	8
A	59.03	114.94
B	53.34	109.22
C	58.81	114.69

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[GSG-NS7-888-457-50](#) [GSG-NS2-888-368-50](#) [GSG-NS2-688-368-50](#) [GSG-NS2-288-368-50](#) [GSG-NS2-488-368-50](#)
[GSG-NS7-888-457](#) [GSG-NS2-488-457-50](#) [GSG-NS-6-88](#) [GSG-NS-8-88-50](#) [GSG-NS7-488-457-50](#) [GSG-NS2-488-](#)
[457](#) [GSG-NS2-688-457](#) [GSG-NS2-288-457](#) [GSG-NS7-488-457](#) [GSG-NS-5-88](#) [GSG-NS2-688-368](#) [GSG-NS-4-88-](#)
[4.57](#) [GSG-NS-6-88-4.57](#) [GSG-NS-2-88-4.57](#) [GSG-NS2-888-457](#) [GSG-NS2-888-457-50](#) [GSG-NS-2-88-457-50](#) [GSG-](#)
[NS-4-88-50](#) [GSG-NS-5-88-50](#) [GSG-NS-2-88-50](#) [GSG-NS-6-88-50](#)