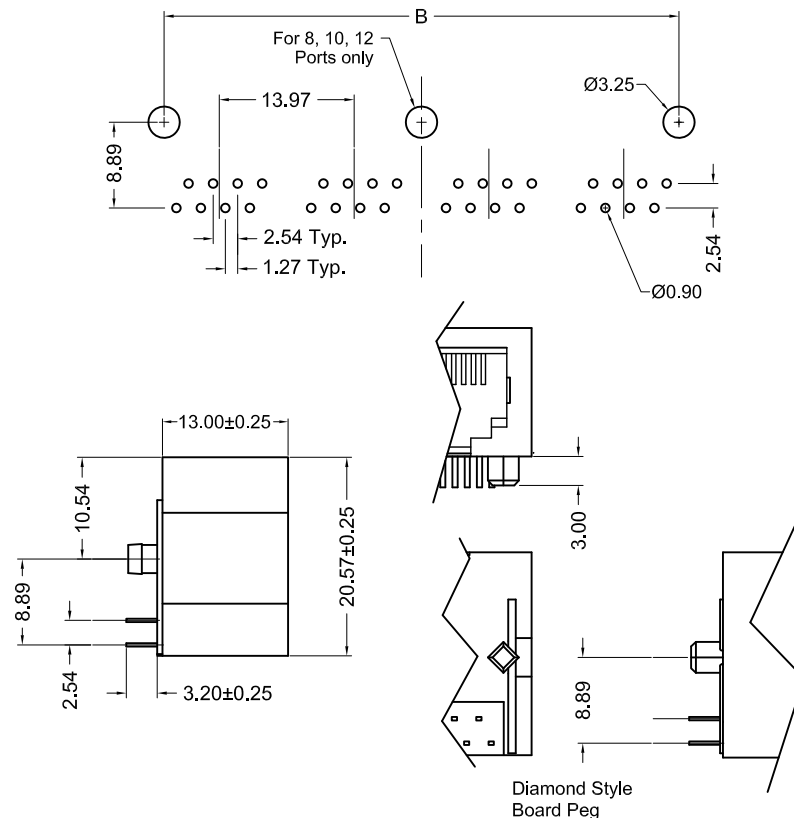


Recommended PCB Layout
(Top View)



Material and Finish

Body: PBT, glass filled
UL94V-0 rated
color: black

Contact: Phosphor Bronze
Nickel underplate on entire contact, tin on termination end

Gold plating options on contact area:
Standard: Gold flash
50 option: 50u" gold to comply with FCC requirements under #47 C.F.R. Part 68, Subpart F

Electrical Characteristics

Current Rating:
1.5 Amps

Voltage Rating:
125V DC

Insulation Resistance:
500 Megohms Min.

Dielectric Withstanding Voltage:
1000V rms, 60Hz

Contact Resistance:
20 milliohms Max.

Durability Rating:
500 Mating Cycles Min.

Operating Temperature:
-40°C to +85°C

Electrical Performance

Category 5 100MHz Bandwidth Performance

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

Part Number	Contact Area Plating Finish
GSGX-N-x-88	Gold Flash (standard option)
GSGX-N-x-88-50	50u" Gold (-50 option)

# of Ports	Dimensions		Style of Board Peg
	mm		
2	30.48	25.40	Snap-In
3	44.45	39.37	Snap-In
4	58.42	53.34	Snap-In
5	72.39	67.31	Diamond*
6	86.36	81.28	Snap-In
8	114.30	109.22	Snap-In
10	142.24	137.16	Diamond**
12	170.18	165.10	Diamond**

*Snap-In available with min. quantity. Contact Kycon
**Outer pegs are diamond, center peg is snap-in style



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	08/15/06	ECO 06-052	R. Aguirre	H. MA	R. Aguirre	06/21/05
A3	3/4/08	ECO #08-030	R. Aguirre	H. MA		
A4	05/13/10	ECO #10-025	S. Vien	H. MA		
A5	12/11/13	ECO #13-090	D. Gih	H. MA		
A6	06/30/15	ECO #15-001	H. MA	C. Furumasu		
A7	06/14/17	ECO #17-014	H. MA	C. Furumasu		

GSGX-N-x-88
x = Number of ports

Gang-Jack, Rt. Ang, Non-shielded, RoHS Compliant

8 position/ 8 contacts per port

