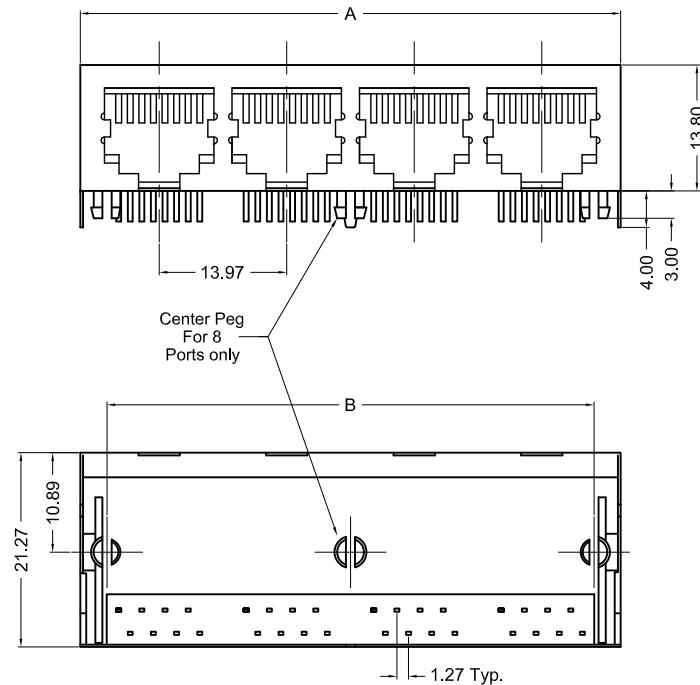
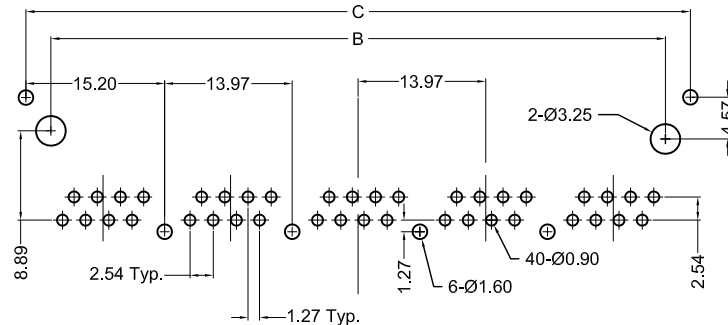
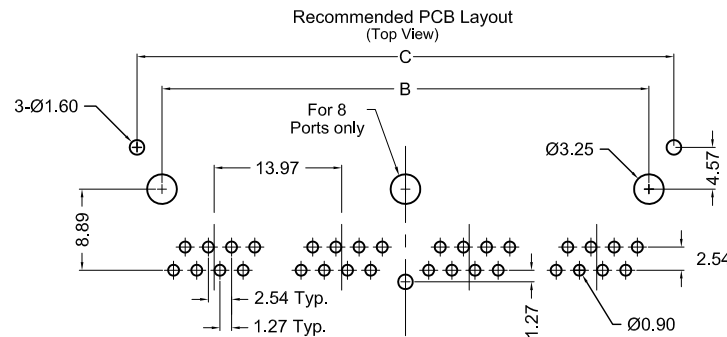




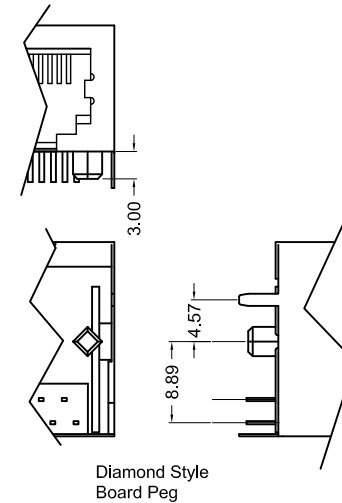
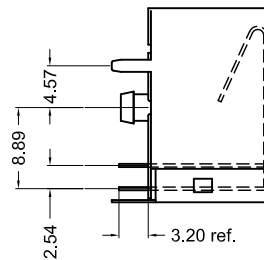
Special PCB Layout for GSGX-NS-5-88 (Top View)



Part Number	Contact Area Plating Finish
GSGX-NS-x-88-457	Gold Flash (standard option)
GSGX-NS-x-88-45750	50u" Gold (-50 option)



4.57 Ground Pin Option



Dimensions (mm)				
# of Ports	A	B	C	Style of Board Peg
2	31.12	25.40	30.87	Snap-In***
4	59.06	53.34	58.81	Snap-In***
6	87.00	81.28	86.75	Snap-In***
8	114.94	109.22	114.69	Snap-In***

**Outer pegs are diamond, center peg is snap-in style

Material and Finish

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

Shield: 0.25mm thick
Copper alloy,
Nickel plated

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.

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

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

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

RoHS COMPLIANT

UL
E143435

SP
US
LR78160

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	10/28/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/27/05
A2	3/4/08	ECO #08-030	R. Aguirre	H. MA		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		
A4	12/11/13	ECO #13-090	D. Gih	H. MA		
A5	06/29/15	ECO #15-001	H. MA	C. Furumasu		
A6	06/14/17	ECO #17-014	H. MA	C. Furumasu		

GSGX-NS-x-88-4.57

x = Number of ports

Shielded gang-jack, RoHS Compliant

8 position/ 8 contacts per port

