



Material and Finish

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

Shield: 0.25mm thick
Copper alloy,
Nickel plated
90 microinch

Contact: Phosphor Bronze
Nickel underplate on entire
contact, tin on termination end
Gold plating options on
contact area:
Standard: Gold flash
30 option: 30u" gold
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

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

Dimensions mm					Gold Plating Option	# of Ports	Style of Board Peg
Part Number	A	B	C	D			
GSGX-NS2-288-368	31.12	25.40	30.87	3.68	Standard	2	snap-in
GSGX-NS2-288-457	31.12	25.40	30.87	4.57			
GSGX-NS2-288-36850	31.12	25.40	30.87	3.68			
GSGX-NS2-288-45750	31.12	25.40	30.87	4.57			
GSGX-NS2-488-368	59.03	53.34	58.81	3.68	Standard	4	
GSGX-NS2-488-457	59.03	53.34	58.81	4.57			
GSGX-NS2-488-36850	59.03	53.34	58.81	3.68			
GSGX-NS2-488-45750	59.03	53.34	58.81	4.57			
GSGX-NS2-588-368	73.03	67.31	72.78	3.68	Standard	5	
GSGX-NS2-588-457	73.03	67.31	72.78	4.57			
GSGX-NS2-588-36850	73.03	67.31	72.78	3.68			
GSGX-NS2-588-45750	73.03	67.31	72.78	4.57			
GSGX-NS2-688-368	87.00	81.28	86.75	3.68	Standard	6	
GSGX-NS2-688-457	87.00	81.28	86.75	4.57			
GSGX-NS2-688-36850	87.00	81.28	86.75	3.68			
GSGX-NS2-688-45750	87.00	81.28	86.75	4.57			
GSGX-NS2-888-368	114.94	109.22	114.69	3.68	Standard	8	
GSGX-NS2-888-457	114.94	109.22	114.69	4.57			
GSGX-NS2-888-36850	114.94	109.22	114.69	3.68			
GSGX-NS2-888-45750	114.94	109.22	114.69	4.57			

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	07/06/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/05/05
A2	3/4/08	ECO #08-030	R. Aguirre	H. MA		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		

GSGX-NS2-x88-y
x = Number of ports
y = Ground pin spacing

Shielded gang-jack, RoHS Compliant
8 position/ 8 contacts per port

