



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	50		
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	50		
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	50		
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	50		
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	50		
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	03/04/08	ECO #08-030	R. Aguirre	H. MA		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		
A4	12/03/13	ECO #13-090	D. Gih	H. MA		
A5	06/24/15	ECO #15-001	H. MA	C. Furumasu		

GSGX-NS2-x88-y

x = Number of ports
 y = Ground pin spacing

Shielded gang-jack, RoHS Compliant

8 position/ 8 contacts per port

