



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-lead 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

Insulation Resistance:
 500 Megohms Min.
 Dielectric Withstanding Voltage:
 1000V rms, 60Hz
 Contact Resistance: 20milliohm max.
 Current Rating: 1.5A
 Durability Rating:
 500 Mating Cycles Min.

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

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
5	73.03	67.31	72.78	Diamond*
6	87.00	81.28	86.75	Snap-In
8	114.94	109.22	114.69	Snap-In
10	142.88	137.16	142.63	Diamond**
12	170.82	165.10	170.57	Diamond**

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

Tolerances	
X.X ± 0.35	
X.XX ± 0.25	
Unless Stated	
Otherwise	

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS
C2	6/19/01	ref. ECD #01-087	J. Kring		mm
C3	9/27/01	ref. ECD #01-183	REVISED BY	APPROVED BY	DATE
D1	5/28/02	ref. ECD #02-014	C. Leiva		5/6/96

GSG-NS Series

Shielded gang-jack
 8 position/ 8 contacts per port

