



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-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:
 1000 Volts RMS,
 for 1 minute

Contact Resistance:
 20 milliohms Max.

Current Rating
 1.5 Amps

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

Ordering Information

GS	-	NS2	-	8	-	8	-	3.05	-	50
Series		Shield Type		Size of Port		# of Contacts		Ground Pin Spacing		Plating Option*

(*Blank=Standard)

Tolerances

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



REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
E1	6/4/99	Add Pin Numbering	J. Kring	H. MA	mm
E2	3/8/00	ref. ECD #99-169	REVISED BY	CHECK DATE	DATE
E3	8/25/04	ECD #04-047	R. Aguirre	8/26/04	

GS-NS2-88

Shielded Rt. Ang. Modular Jack, w/Top Ground Tab
 8 position/ 8 contacts, Fully Shielded

