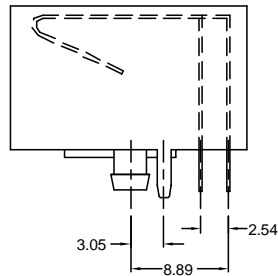
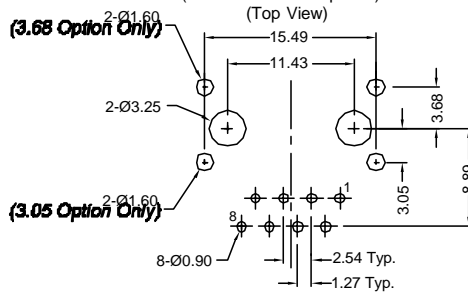


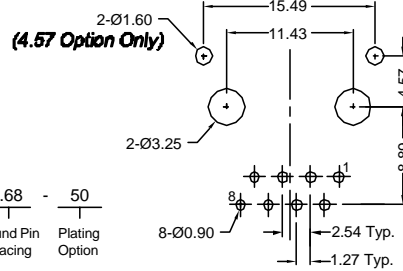
**3.05 Ground Pin Option**



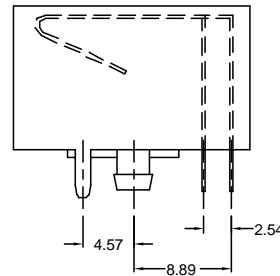
**Recommended PCB Layout**  
(for 3.68 and 3.05 options)  
(Top View)



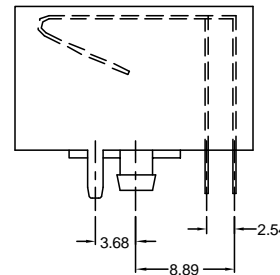
**Recommended PCB Layout**  
(for 4.57 option only)  
(Top View)



**4.57 Ground Pin Option**



**3.68 Ground Pin Option**



**Material and Finish**

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

Shield: 0.25mm thick copper alloy, nickel plated 90u"

Contact Material: 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: 1.5A

Durability Rating: 750 mating cycles min.

Operating Temperature: -40°C to +85°C

**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	-	NS	-	8	8	-	3.68	-	50
Series	Shield Type	Size of Port	# of Contacts	Ground Pin Spacing	Plating Option				

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
C3	12/11/00	per ECD #00-041	J. Kring	H. MA	mm
C4	3/19/03	per ECD #03-010	REVISED BY	CHECKDATE	DATE
C5	06/02/06	ECD #06-027	R. Aguirre	6/5/06	

GS-NS-88

Shielded Rt. Ang Modular Jack  
B position/ 8 contacts, 4 sided shield



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