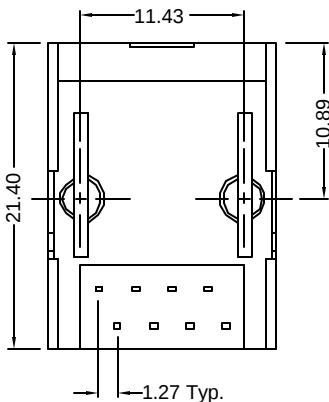
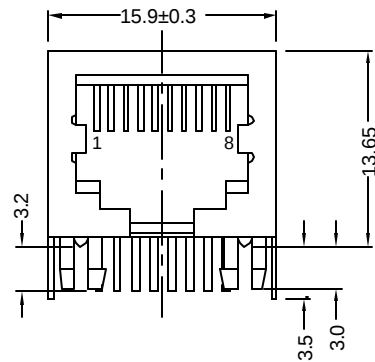
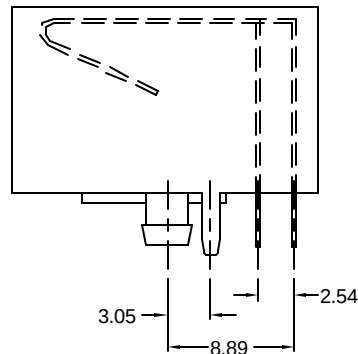
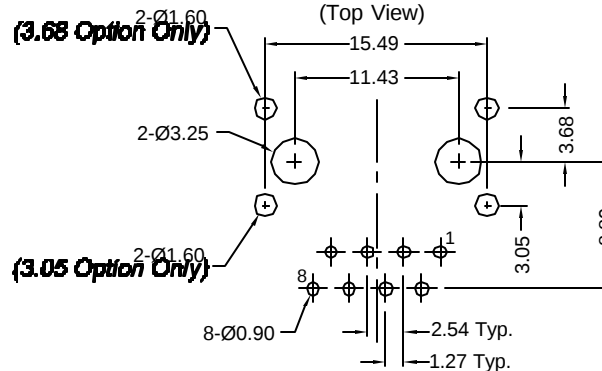




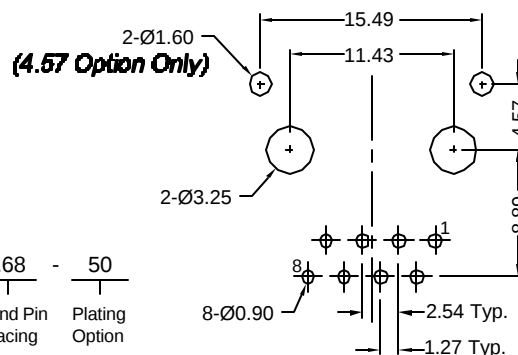
3.05 Ground Pin Option



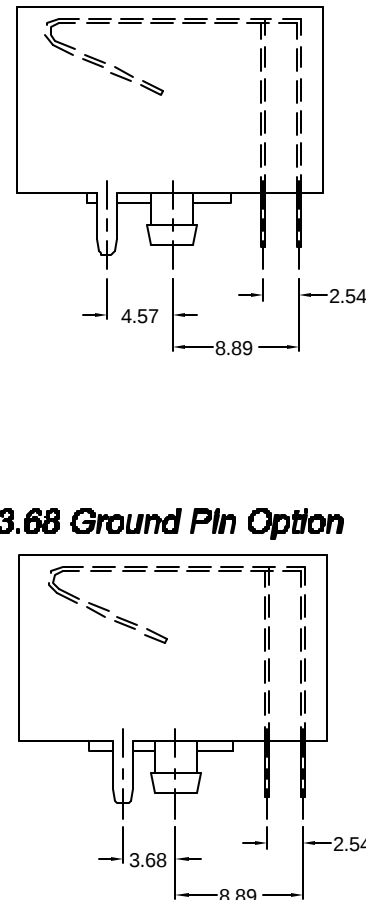
Recommended PCB Layout (for 3.68 and 3.05 options) (Top View)



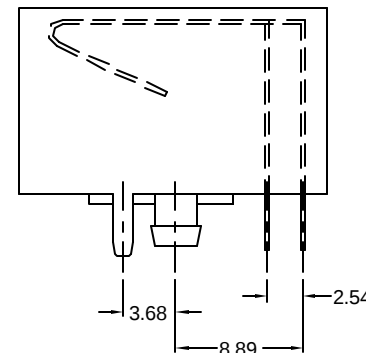
Recommended PCB Layout (for 4.57 option only) (Top View)



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	CHECK DATE	DATE
C5	06/02/06	ECD #06-027	R. Aguirre	6/5/06	

GS-NS-88

Shielded Rt. Ang Modular Jack

8 position/ 8 contacts, 4 sided shield



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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[GS-NS-88-4.57](#) [GS-NS-88-3.68-50](#) [GS-NS-88-3.05](#) [GS-NS-88-3.68](#) [GS-NS-88-4.57-50](#)