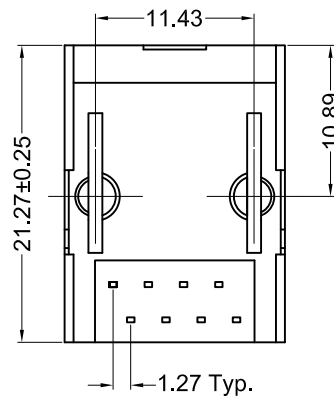
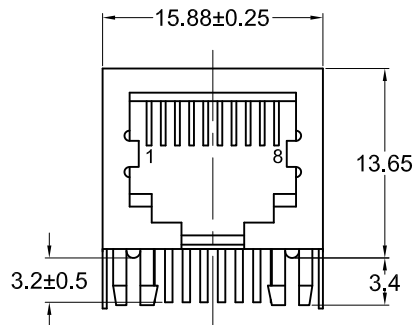
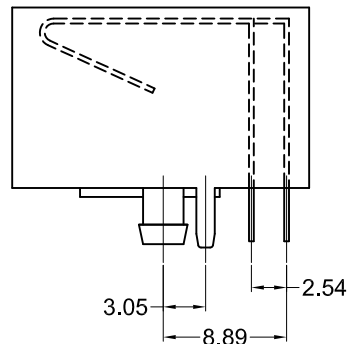
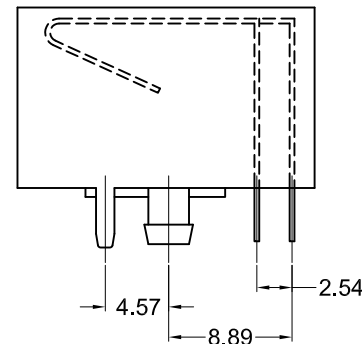
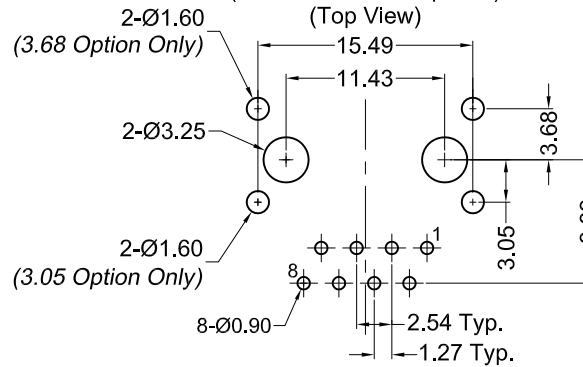
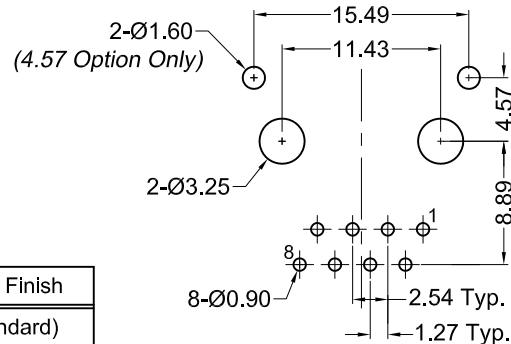




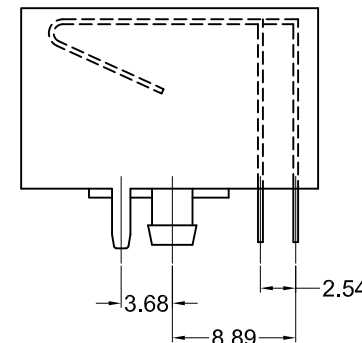
3.05 Ground Pin Option



4.57 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)

3.68 Ground Pin Option

**Materials and Finish**

Housing: PBT Thermoplastic
UL 94V-0 Rated
Color: Black

Shield: Copper Alloy, Nickel Plated

Contact Material:
Phosphor Bronze

Plating Options:

Standard: Nickel Underplating,
Gold Flash Plated on Contact Area,
Tin Plated on Solder Area

50 Option: Nickel Underplating,
Contact Area Plated with 50u" Gold
to Comply with ANSI/TIA-1096-A
Tin Plated on Solder Area

Electrical Characteristics

Rated Current: 1.5A

Rated Voltage: 125V DC

Insulation Resistance:
500 Megohms Min.

Contact Resistance:
20 milliohms Max.

Dielectric Withstanding Voltage:
1000V AC for 1 Minute

Mechanical Characteristics

Durability Rating:

750 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

Part Number	Contact Plating Finish
GSX-NS-88-xxx	Gold Flash (standard)
GSX-NS-88-xxx-50	50u" Gold (-50 option)

RoHS COMPLIANT
EU Directive 2002/95/EC

UL
E134345

SP
LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	10/5/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	07/01/05
A2	3/6/08	ECO #08-030	R. Aguirre	H. MA		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		
A4	07/14/10	ECO #10-048	S. Vien	H. MA		
A5	07/06/12	ECO #12-039	S. Vien	P. DalCanto		
A6	12/11/13	ECO #13-090	D. Gih	H. MA		

GSX-NS-88-xxx

xxx = Ground pin option

Modular Jack, Rt. Ang., Shielded, RoHS Compliant

8 Position/ 8 Contacts, 4 Sided Shield



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