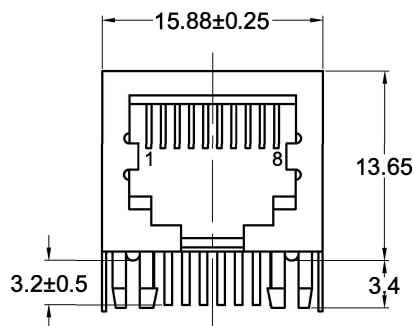
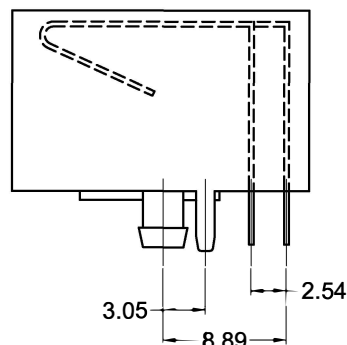
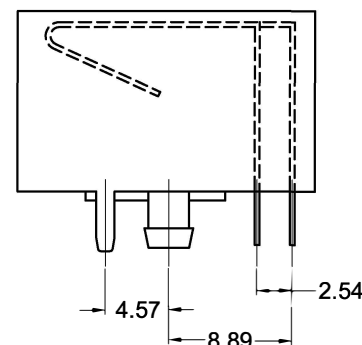




3.05 Ground Pin Option



4.57 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

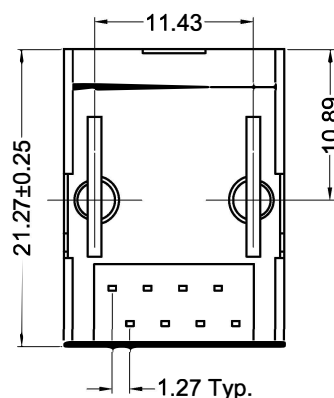
Shielded types offer 20dB shielding from
30MHz to 300MHz



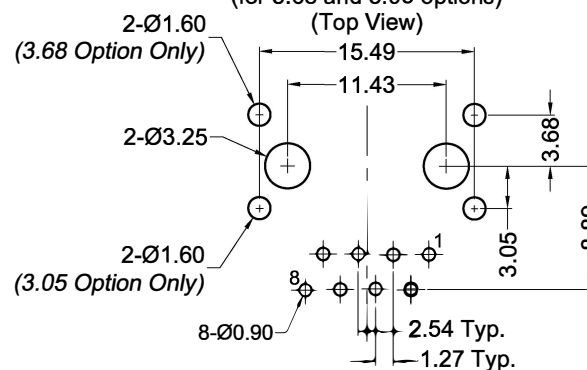
www.toby.co.uk



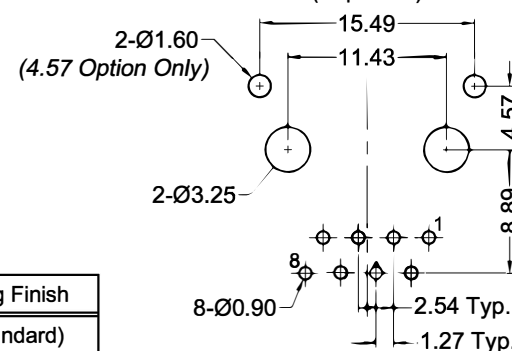
Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise



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



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



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	3/6/08	ECO #08-030	R. Aguirre	H. MA	R. Aguirre	07/01/05
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		
A7	07/24/15	ECO #15-001	H. MA	C. Furumasu		

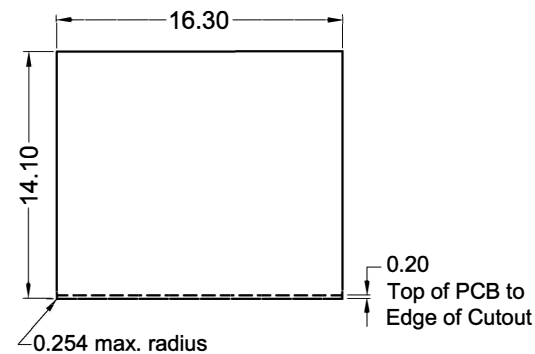
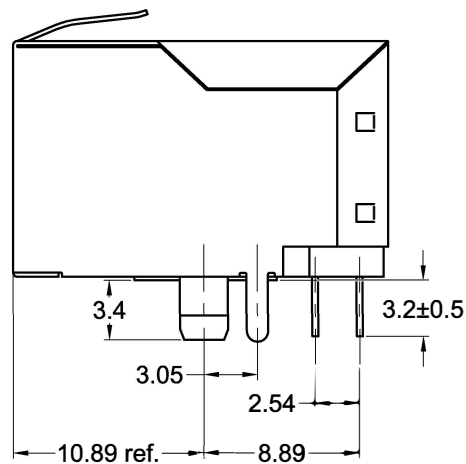
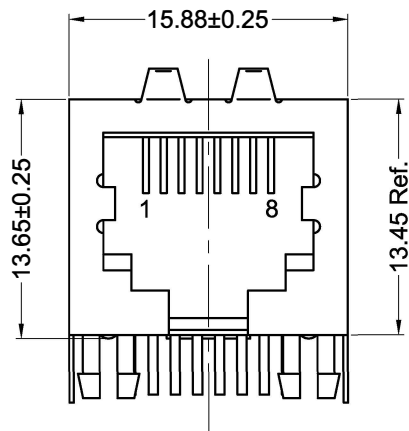
GSX-NS-88-xxx

xxx = Ground pin option

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

8 Position/ 8 Contacts, 4 Sided Shield





Recommended Panel Cutout

Materials and Finish

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

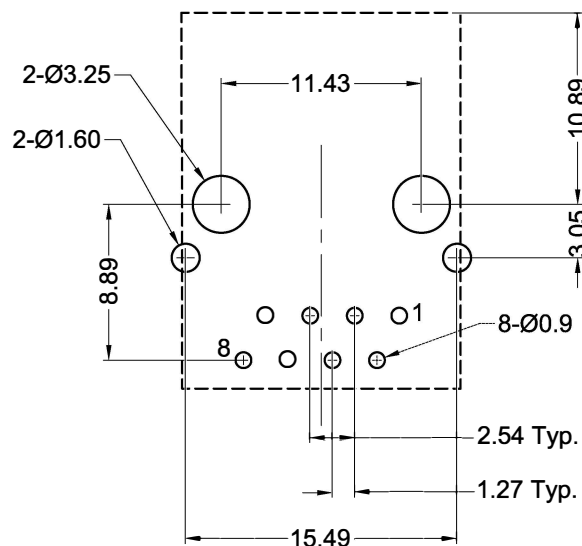
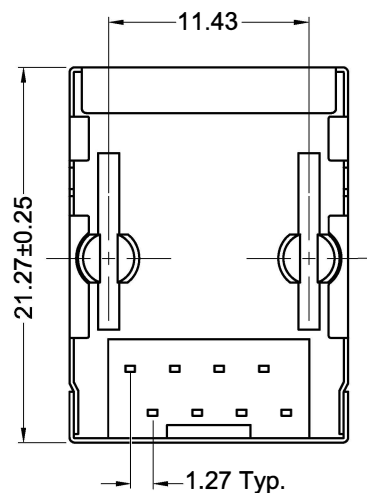
Shield: Brass, Nickel Plated

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



Recommended PCB Layout
(Top View)

Part Number	Contact Plating Finish
GSX-NS2-88-3.05	Gold Flash (standard)
GSX-NS2-88-3.05-50	50u" Gold (-50 option)

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



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	06/05/06	ECO #06-027	R. Aguirre	H. MA	H. MA	12/7/04
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		
A7	07/23/15	ECO #15-001	H. MA	C. Furumasu		

GSX-NS2-88-3.05-xx

Rt. Ang Modular Jack, RoHS Compliant

8P8C, 3.05 Spacing, Fully Shielded, w/Top Ground Tab

