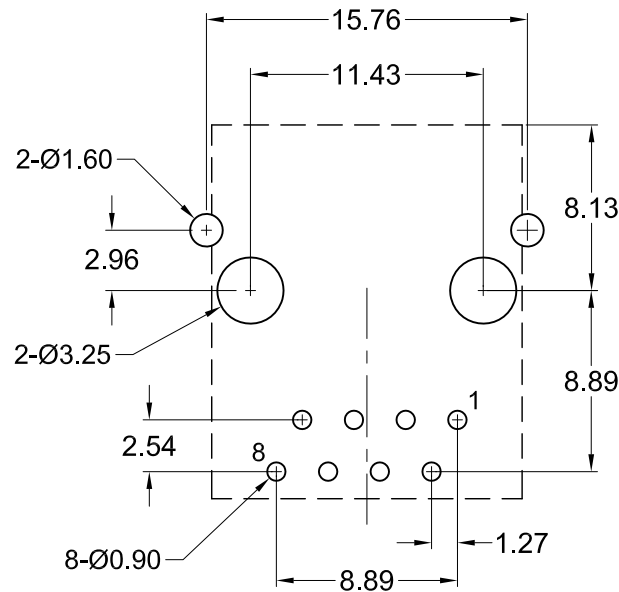
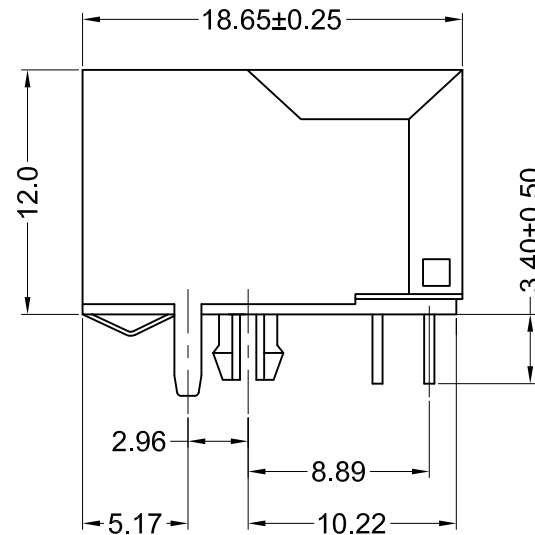
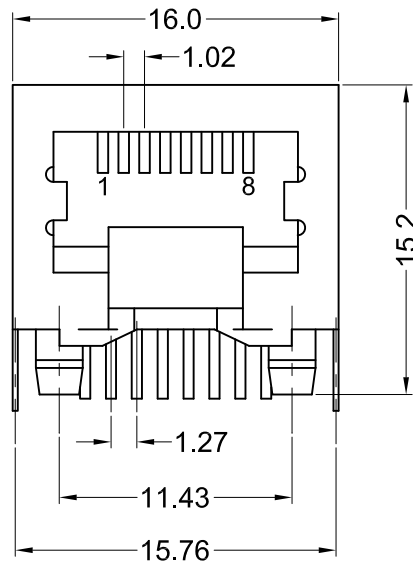




Recommended PCB Layout
(Top View)

Part Number	Contact Area Plating Finish
GMXHT-S-88	Gold Flash (standard)
GMXHT-S-88-50	50u" Gold (50 option)

Materials and Finish

Housing Material:

High Temp Thermoplastic
UL 94V-0 Rated
Color: Black

Design meets UL 1863 Sec. 8
Electrical Probe and Sec. 20
Child Finger test requirements

Shield Material:

Copper Alloy, 0.20mm thick,
Nickel Plated

Contact Material:

Phosphor Bronze

Contact Plating Options:

Standard: 0.0001" Nickel
Plating, Selective Plating
Gold Flash on Contact
Area, Tin on Termination End

-50 Option: 0.0001" Nickel Plating,
Selective Plating 0.000050"
Gold on Contact Area to
Comply with FCC Requirements
Under No. 47 C.F.R. Part 68,
Subpart F, Tin on
Termination End

Electrical Characteristics

Current Rating:
1.5 Amps

Voltage Rating:
125V DC

Insulation Resistance:
500 Megohms min.

Dielectric Withstanding Voltage:
1000V rms, 60Hz

Contact Resistance:
20 milliohms max.

Durability Rating:
500 mating cycles min.

Operating Temperature:
-40°C to +80°C

RoHS COMPLIANT



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/30/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	4/8/05
A2	08/05/08	Remove Solder Info.	S. Vien	H. MA		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		
A4	05/21/15	ECO #15-001	H. MA	C. Furumasu		
A5	06/12/17	ECO #17-014	H. MA	C. Furumasu		

GMXHT-S-88

Right Angle, Modular Jack, High Temp. Lead-free

8 position, 8 contacts, RoHS Compliant

