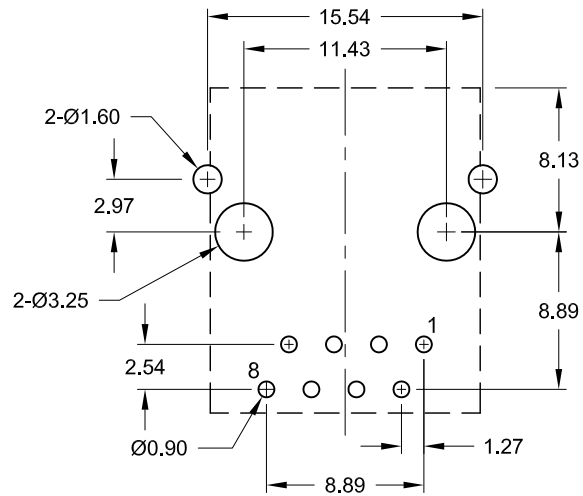


Recommended PCB Layout (top view)



Materials and Finish

Housing Material-
 PBT Thermoplastic
 UL 94V-0 Rated
 Color: Black
 Shield Material-
 Brass
 Nickel Plated
 Design meets UL 1863 Sec. 8
 Electrical Probe and Sec. 20
 Child Finger test requirements
 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.
 Operating Temperature-
 -40°C to +80°C
 Durability Rating-
 500 mating cycles min.

Part Number	Contact Area Plating Finish
GMX-S2-88	Gold Flash (standard)
GMX-S2-88 -50	50u" Gold (50 option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	7/13/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	6/30/05
A2	5/17/06	Release Drawing	H. MA	N/A		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		
A4	05/22/15	ECO #15-001	H. MA	C. Furumasu		
A5	06/19/17	ECO #17-014	H. MA	C. Furumasu		

GMX-S2-88

Right Angle Modular Jack, Shielded, RoHS Compliant

8 position, 8 contacts, with ground tabs

