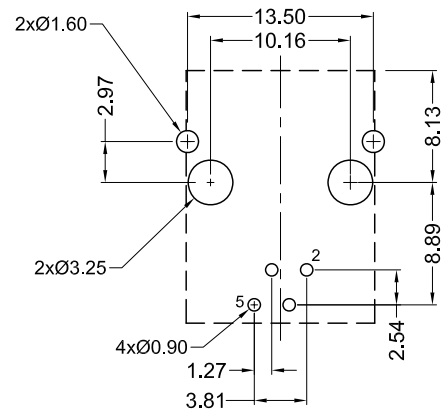


Recommended PCB Layout (Top View)



Part Number	Contact Area Plating Finish
GMX-S-64	15u" Gold (standard)
GMX-S-64-50	50u" Gold (50 option)

**Materials and Finish**

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

Shield Material-  
Copper Alloy, 0.20mm thick  
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  
0.000015" Gold 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.

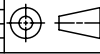
Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/29/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/03/05
A2	05/13/10	ECO #10-025	S. Vien	H. MA		

**GMX-S-64**

Right Angle Modular Jack, RoHS Compliant  
Shielded, 6 position, 4 contacts



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