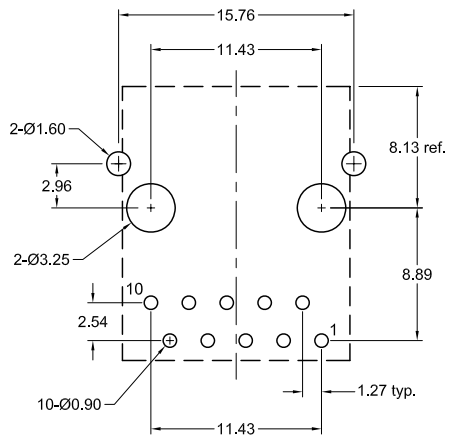


Recommended PCB Layout  
(Top View)



Part Number	Contact Area Plating Finish
GMX-S-1010	15u" Gold (standard)
GMX-S-1010-50	50u" Gold (-50 option)

**Materials and Finish**

Housing Material-  
PBT thermoplastic,  
UL 94V-0 rated, black color

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  
underplating, selective plating  
0.000015" gold on contact  
area, tin on termination end

50 Option: 0.0001" nickel  
underplating, 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-

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

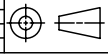


REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	7/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	06/30/05
A2	05/13/10	ECO #10-025	S. Vien	H. MA		

**GMX-S-1010**

Right Angle Modular Jack, Shielded, RoHS Compliant

10 position, 10 contacts, through-hole



UNITS  
mm