

**Materials and Finish**

Housing Material:  
PBT thermoplastic,  
UL 94V-0 rated,  
Color: grey

Contact Material:  
phosphor bronze

Contact Plating Options:  
Standard: 0.000015" gold on entire  
contact, 0.0001" nickel  
underplating

-50 Option: 0.000050" gold on entire  
contact to comply with FCC  
requirements under No. 47 C.F.R  
Part 68, Subpart F,  
0.0001" nickel underplating

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

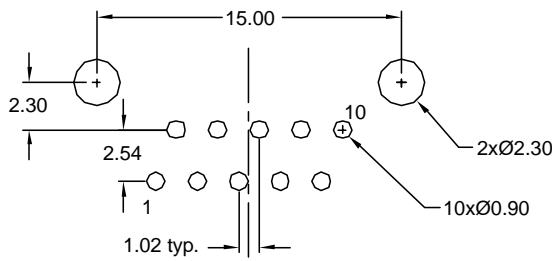
**Electrical Characteristics**

Insulation Resistance:  
500 Megohms min.

Dielectric Withstanding Voltage:  
1000V rms, 60Hz

Contact Resistance:  
20 milliohms max.

Current Rating: 1.5A



Recommended PCB Layout  
(top view)

Part Number	Contact Area Plating Finish
GL-N-1010M	15u" Gold (standard)
GL-N-1010M-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	7/22/02	New Drawing	C. Leiva	C. Leiva	C. Leiva	7/22/02
A2	8/9/02	ECO #02-013	C. Leiva	C. Leiva	C. Leiva	
B1	9/17/03	ECO #03-031	H. MA	T. Gokcek		
C1	8/26/05	ECO #05-038	R. Aguirre	H. MA		

**GL-N-1010M**

**Right Angle Thru-Hole Modular Jack**

**10 position, 10 contacts, short body**

