



Recommended PCB Layout  
(Top View)

Part Number	Contact Area Plating Finish
GM-N-44	15u" Gold (standard)
GM-N-44-50	50u" Gold (-50 option)

**Materials and Finish**

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

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, Gold on Entire Contact

-50: 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, Gold on Entire Contact

**Electrical Characteristics**

Insulation Resistance-  
500 Megohms min.

Dielectric Withstanding Voltage-  
1000V rms, 60Hz

Contact Resistance-  
20 milliohms max.

Current Rating-  
1.5 Amps

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

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
B2	4/24/01	ref. ECD #01-056	C. Leiva	T. Gokcek	mm
B3	12/16/02	ref. ECD #02-123	REVISED BY	CHECK DATE	DATE
B4	3/28/03	ref. ECD #03-011	C. Leiva	4/1/03	10/10/96

GM-N-44

Right Angle Modular Jack  
4 position, 4 contacts

