



Recommended PCB Layout  
(Top View)

Part Number	Contact Area Plating Finish
GM-N-66	15u" Gold (standard)
GM-N-66-50	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  
underplating, plating finish  
0.000015" gold on entire contact

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

### 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.

CSA Certified File No. LR78160  
UL Recognized File No. E134345

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

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A	1/7/98	New Drawing	C. Leiva	T. Gokcek	mm [in]
A1	4/24/01	ref. ECD #01-056	REVISED BY	CHECK DATE	DATE
A2	3/28/03	ref. ECD #03-011	C. Leiva	4/1/03	1/7/98

GM-N-66

Right Angle Modular Jack

6 position, 6 contacts



# Mouser Electronics

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