



Recommended PCB Layout
(Top View)

Part Number	Contact Area Plating Finish
GM-N-1010	15u" Gold (standard)
GM-N-1010-50	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, Tin/Lead 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/Lead on
Termination End

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

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

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
C1	3/5/02	ECO #01-191	J. Kring	T. Gokcek	mm [in]
C2	8/14/02	ECO #02-016	REVISED BY	CHECK DATE	DATE
C3	3/28/03	ECO #03-011	C. Leiva	4/1/03	4/3/96

GM-N-1010

Right Angle Modular Jack
10 position, 10 contacts

