



Recommended PCB Layout
(Top View)

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	3/22/05	New Drawing	H. MA	C. Furumasu	H. MA	3/22/05
A1	7/15/05	Release Drawing	H. MA	N/A		

GMX-N-44

Right Angle Modular Jack

4 position, 4 contacts, RoHS Compliant

