



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

Current Rating-
 1.5 Amps

Voltage Rating-
 125V DC

Insulation Resistance-
 500 Megohms min.

Dielectric Withstanding Voltage-
 1000V rms, 60Hz

Contact Resistance-
 20 milliohms max.

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. Furumasa	H. MA	3/22/05
A1	7/15/05	Release Drawing	H. MA	N/A		
A2	05/13/10	ECO #10-025	S. Vlen	H. MA		

GMX-N-44

Right Angle Modular Jack
 4 position, 4 contacts, RoHS Compliant

