



Recommended PCB Layout
(Top View)

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.

RoHS COMPLIANT

EU Directive 2002/95/EC

Part Number	Contact Area Plating Finish
GMX-N-66	15u" Gold (standard)
GMX-N-66-50	50u" Gold (50 option)

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	05/03/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	5/03/05

GMX-N-66-xx

Right Angle Modular Jack

6P6C, RoHS Compliant

