



Recommended PCB Layout
(Top View)

Materials and Finish

Housing Material-
High Temp Thermoplastic
(Reflow Process Compatible)
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, Plating
Gold Flash on
entire contact

50 Option: 0.0001" Nickel Plating,
Plating 0.000050"
Gold on entire contact to
Comply with FCC Requirements
Under No. 47 C.F.R. Part 68,
Subpart F

Electrical Characteristics

Current Rating-
1.5 Amps

Voltage Rating-
125 V DC

Insulation Resistance-
600 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.

Part Number	Contact Area Plating Finish
GMXHT-N-66	Gold Flash (standard)
GMXHT-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
B1	2/17/06	ECO #06-005	R. Aguirre	H. MA	R. Aguirre	02/17/06
B2	4/6/06	Release drawing	H. MA	N/A		
B3	05/13/10	ECO #10-025	S. Vien	H. MA		
B4	03/08/17	ECO #17-005	G. Serrato	W. Cook		
B5	06/08/17	ECO #17-014	H. MA	C. Furumasu		

GMXHT-N-66

Right Angle, Modular Jack, High Temp.

6 position, 6 contacts, RoHS Compliant

