



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-44	Gold Flash (standard)
GMXHT-N-44-50	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-44**

Right Angle, Modular Jack, High Temp., RoHS Compliant

6 position, 2 contacts, RoHS Compliant

