



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

