

Recommended PCB Layout
(top view)

| Part Number | Contact Area Plating | Packaging |
|--------------------|-----------------------|-------------|
| GMX-SMT4-N-66 | Gold Flash (standard) | Bulk |
| GMX-SMT4-N-66-50 | 50u" Gold (50 option) | |
| GMX-SMT4-N-66-TR | Gold Flash (standard) | Tape & Reel |
| GMX-SMT4-N-66-50TR | 50u" Gold (50 option) | |

Materials and Finish

Housing Material:

High Temp. thermoplastic,
(reflow process compatible)
UL 94V-0 rated, black color

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
Gold Flash on Contact
Area, Tin on Termination End

50 Option: 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, Tin on
Termination End

Electrical Characteristics

Current Rating: 1.0 Amps

Voltage Rating: 125V DC

Insulation Resistance:
500 Megohms min.

Dielectric Withstanding Voltage:
1000V rms, 60Hz

Contact Resistance:
20 milliohms max.

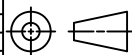
Durability Rating:
1000 mating cycles min.

Operating Temperature:
-40°C to +85°C



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

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|-------------|------------|----------|
| A1 | 06/30/05 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 05/24/05 |
| A2 | 04/27/10 | ECO #10-020 | S. Vien | H. MA | | |
| A3 | 08/21/12 | ECO #12-027 | S. Vien | P. DalCanto | | |
| A4 | 11/06/13 | ECO #13-084 | W. Cook | H. MA | | |
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GMX-SMT4-N-66

Right Angle Modular Jack-No Pegs, RoHS Compliant

6 position, 6 contacts, Surface Mount



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