



Recommended PCB Layout  
(Top View)

Part Number	Gold Plating	Packaging
GMX-SMT4-N-44	Flash	Bulk
GMX-SMT4-N-44-50	50u"	Bulk
GMX-SMT4-N-44-TR	Flash	Tape & Reel
GMX-SMT4-N-44-50TR	50u"	Tape & Reel

**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 ± 0.38
X.XX ± 0.25
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A3	02/01/10	ECO #10-006	S. Vien	H. MA	H. MA	01/17/07
A4	04/27/10	ECO #10-020	S. Vien	H. MA		
A5	08/21/12	ECO #12-027	S. Vien	P. DalCanto		
A6	09/20/13	ECO #13-069	D. Gih	H. MA		
A7	11/06/13	ECO #13-084	W. Cook	H. MA	mm	
A8	06/15/15	ECO #15-001	H. MA	C. Furumasu		

**GMX-SMT4-N-44**

Right Angle Modular Jack, RoHS Compliant

4 Position, 4 Contacts, Surface Mount

