



Recommended PCB Layout (Top View)

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

Part Number	Contact Area Plating	Packaging
GMX-SMT4-N-88	Gold Flash (standard)	Bulk
GMX-SMT4-N-88-50	50u" Gold (50 option)	
GMX-SMT4-N-88-TR	Gold Flash (standard)	Tape & Reel
GMX-SMT4-N-88-50TR	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
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	05/13/13	ECO #13-024	D. Gih	P. DalCanto	UNITS	mm
A5	11/06/13	ECO #13-084	W. Cook	H. MA		
A6	06/16/15	ECO #15-001	H. MA	C. Furumasu		

GMX-SMT4-N-88

Right Angle Modular Jack--No Pegs, RoHS Compliant

8 position, 8 contacts, Surface Mount

