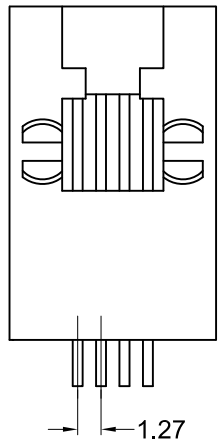
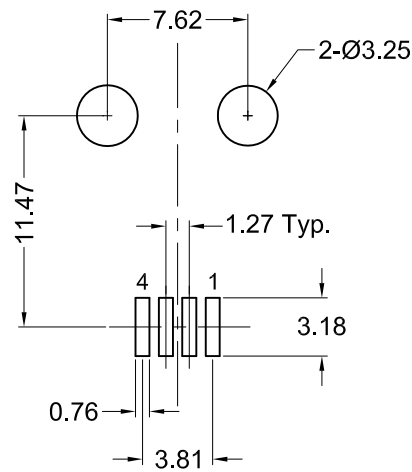


DETAIL A



Recommended PCB Layout
(Top View)



Part Number	Gold Plating	Packaging
GMX-SMT2-N-44	Flash	Bulk
GMX-SMT2-N-44-TR	Flash	Tape & Reel
GMX-SMT2-N-44-50	50u"	Tape & Reel
GMX-SMT2-N-44-50TR	50u"	Bulk

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: 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

Current Voltage: 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
A2	04/27/10	ECO #10-020	S. Vien	H. MA	R. Aguirre	05/23/05
A3	12/08/10	ECO #10-088	S. Vien	H. MA		
A4	08/20/12	ECO #12-027	S. Vien	P. DalCanto		
A5	09/20/13	ECO #13-069	D. Gih	H. MA	UNITS	mm
A6	11/06/13	ECO #13-084	W. Cook	H. MA		
A7	05/28/15	ECO #15-001	H. MA	C. Furumasu		

GMX-SMT2-N-44

Right Angle Modular Jack, RoHS Compliant

4 Position, 4 Contacts, Surface Mount

