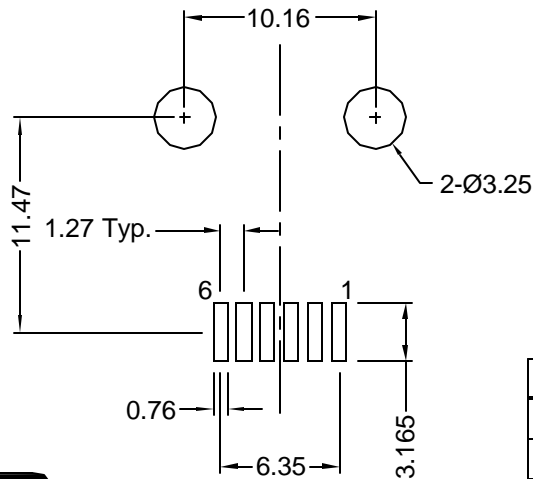
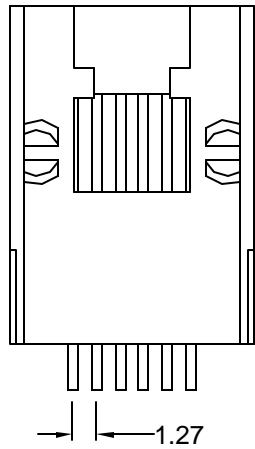


DETAIL A

Recommended PCB Layout
(top view)



RoHS COMPLIANT
EU Directive 2002/95/EC

Materials and Finish

Housing Material:
high temp. thermoplastic,
(reflow process compatible)
UL 94V-0 rated, black color

Recommended Reflow Temperature:
230°C for 30 seconds,
260°C max.

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

Insulation Resistance:
500 Megohms min.

Dielectric Withstanding Voltage:
1000V rms, 60Hz

Contact Resistance:
20 milliohms max.

Current Rating: 1.5 Amps

Durability Rating:
1000 mating cycles min.

Operating Temperature:
-40°C to +85°C

Part Number	Gold Plating	Packaging
GMX-SMT2-N-66	Flash	Bulk
GMX-SMT2-N-66-50	50u"	Bulk
GMX-SMT2-N-66-TR	Flash	Tape & Reel
GMX-SMT2-N-66-50TR	50u"	Tape & Reel

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/30/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/23/05

GMX-SMT2-N-66

Right Angle Modular Jack, RoHS Compliant

6 position, 6 contacts, Surface Mount

