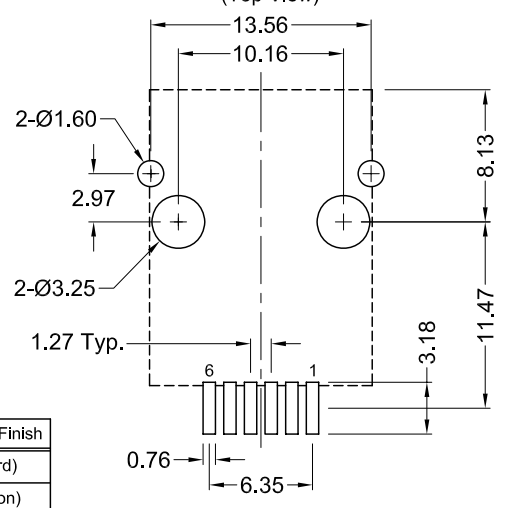


Recommended PCB Layout (Top View)



Part Number	Contact Area Plating Finish
GMX-SMT2-S-66	15u" Gold (standard)
GMX-SMT2-S-66-50	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: 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 ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	06/20/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/24/05
A2	04/27/10	ECO #10-020	S. Vlen	H. MA		

GMX-SMT2-S-66

UNITS
mm

Right Angle Modular Jack, Shielded, RoHS Compliant
 6 position, 6 contacts, Surface Mount

