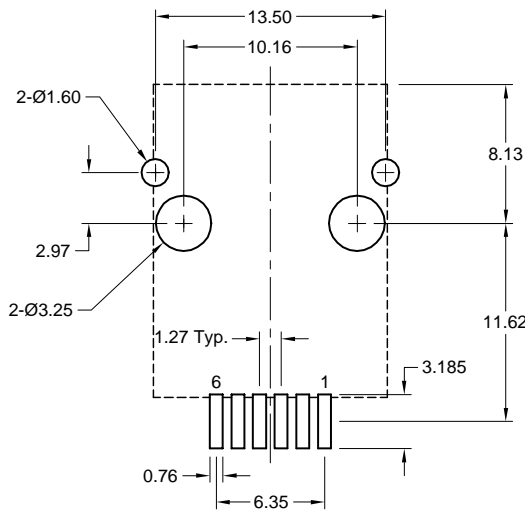


Recommended PCB Layout (Top View)



Part Number	Contact Area Plating Finish
GM-SMT2-S-66	15u" Gold (standard)
GM-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

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

Shield Material:  
copper alloy, 0.20mm thick,  
nickel plated 90u" min,

Contact Material: phosphor bronze

Contact Plating Options:  
Standard: 0.0001" Nickel  
Plating, Selective Plating  
Gold Flash on Contact  
Area, Tin/Lead 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/Lead 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

CSA Certified File No. LR78160  
UL Recognized File No. E134345

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
A2	3/21/02	ECD 01-199	K. Wallace	J. Kring	mm
A3	6/4/02	ECD 02-038	REVISED BY	APPROVED BY	DATE
B1	7/15/02	ECD 02-072	C. Leiva		8/13/98

GM-SMT2-S-66

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

