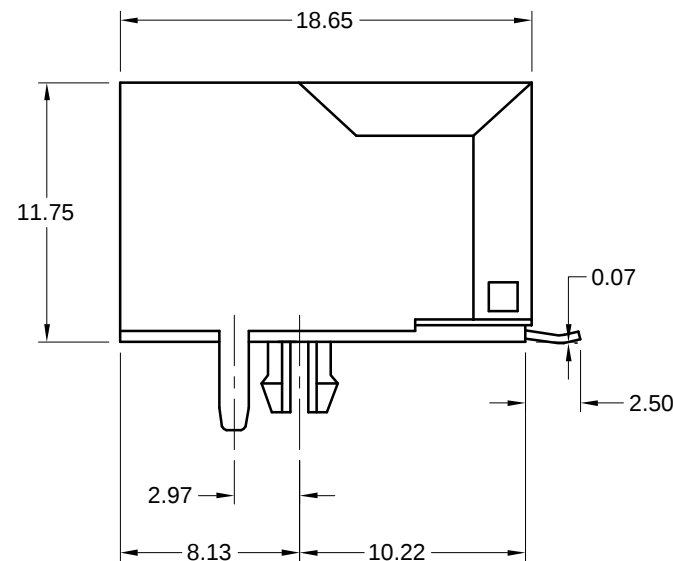
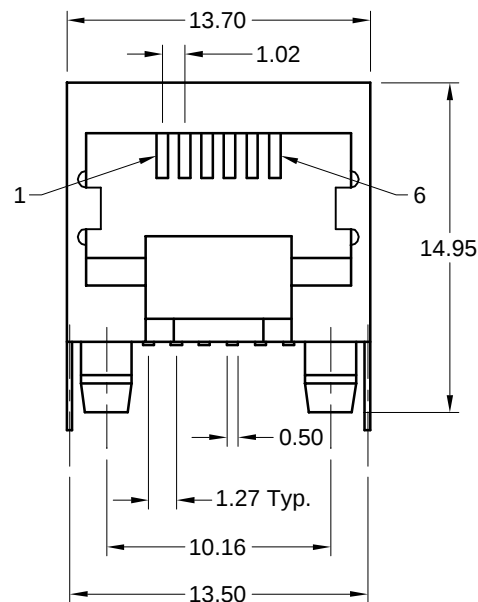
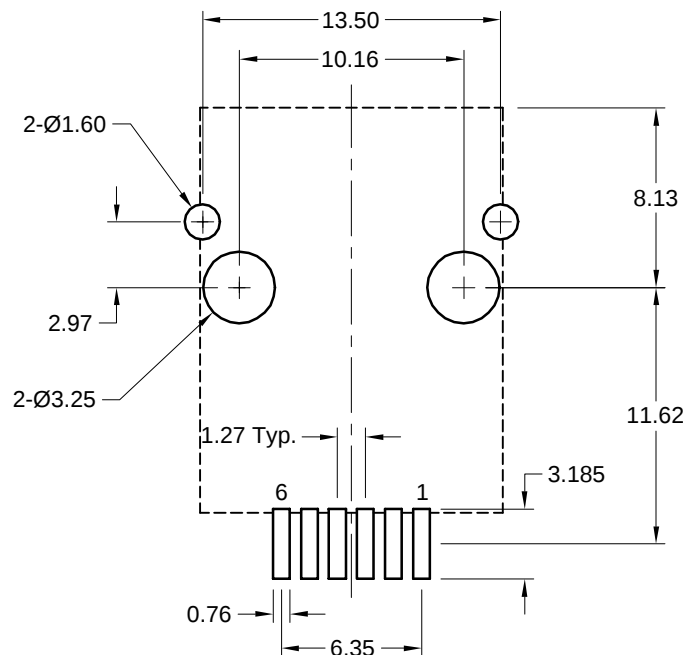




Recommended PCB Layout
(Top View)



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



Mouser Electronics

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