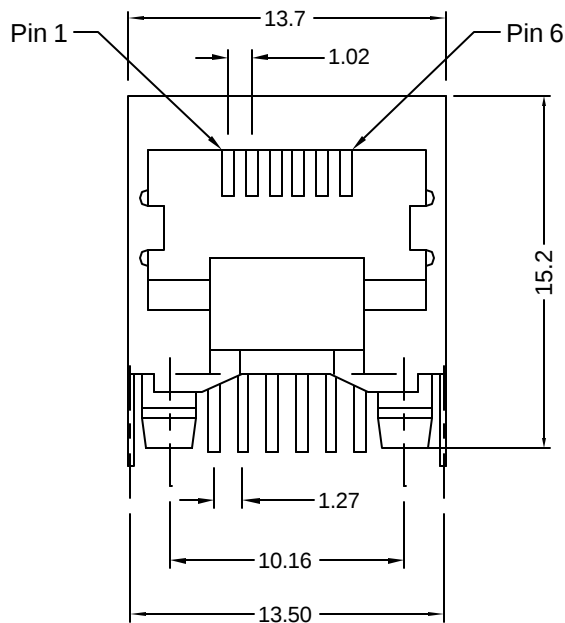
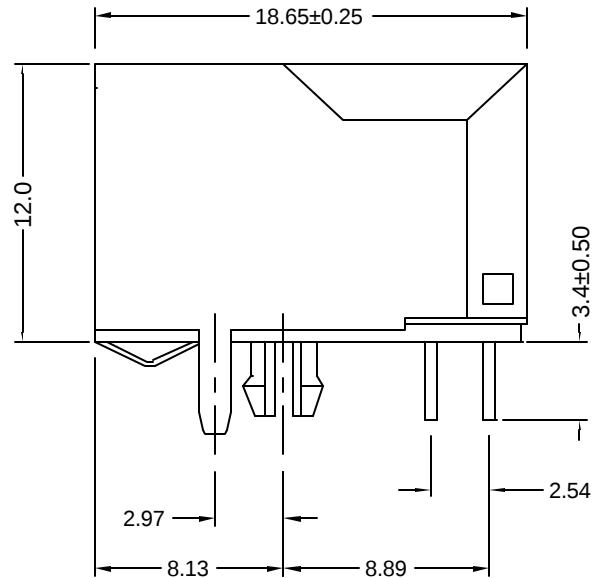
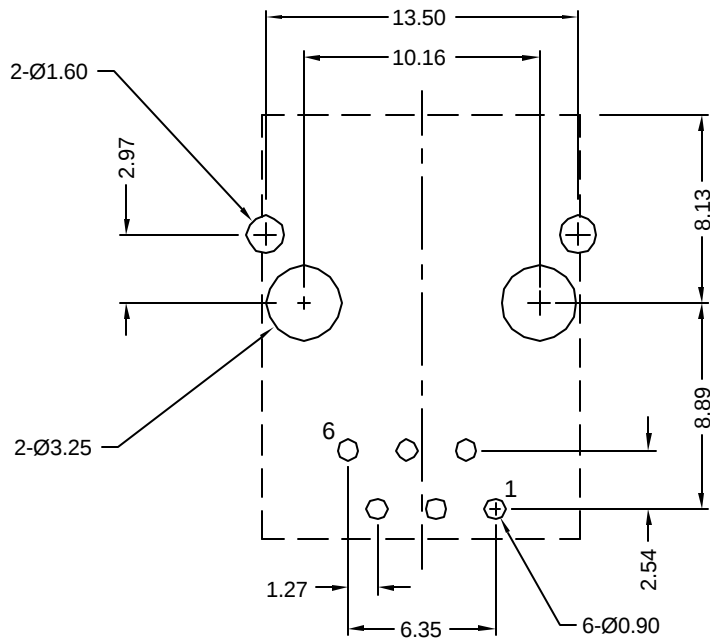




Recommended PCB Layout
(Top View)



Materials and Finish

Housing Material-
PBT Thermoplastic
UL 94V-0 Rated
Color: Black

Shield Material-
Copper Alloy, 0.20mm thick
Nickel Plated

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
0.000015" Gold on Contact
Area, Tin/Lead on Termination End

50 Option: 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

Operating Temperature-
-40°C to +80°C

Durability Rating-
500 mating cycles min.

Part Number	Contact Area Plating Finish
GM-S-66	15u" Gold (standard)
GM-S-66-50	50u" Gold (50 option)



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

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
B2	8/14/02	ECD #02-016	C. Leiva	H. MA	mm
B3	3/28/03	ECD #03-011	REVISED BY	CHECK DATE	DATE
B4	6/15/05	ECD #05-017	R. Aguirre	7/27/05	6/17/97

GM-S-66

Right Angle Modular Jack, Shielded

6 position, 6 contacts



Mouser Electronics

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[Kycon:](#)

[GM-S-66-50](#) [GM-S-66](#)