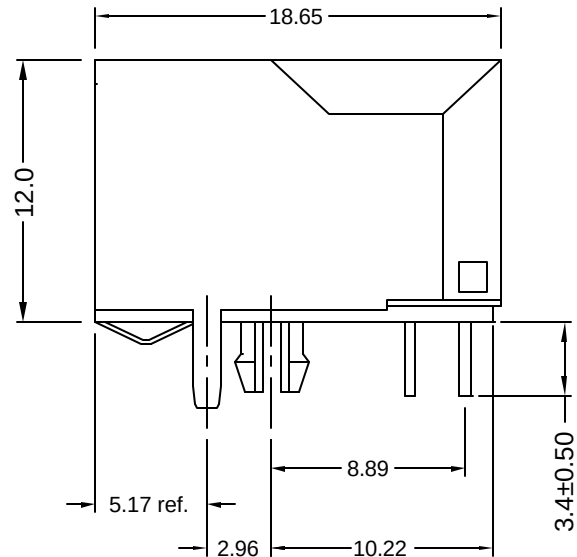
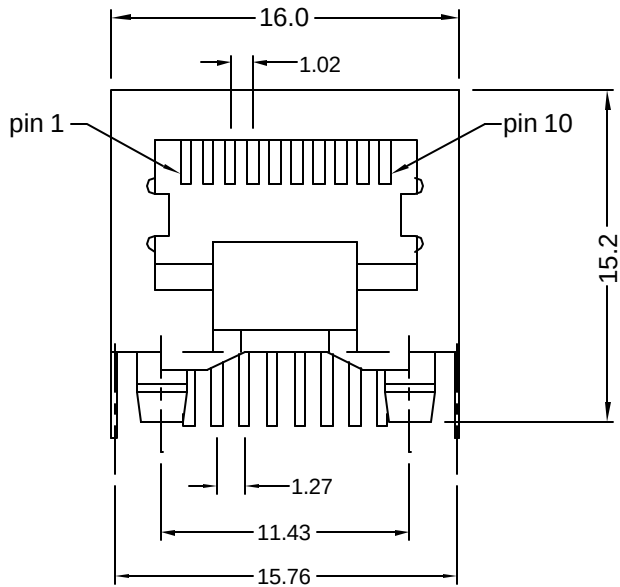
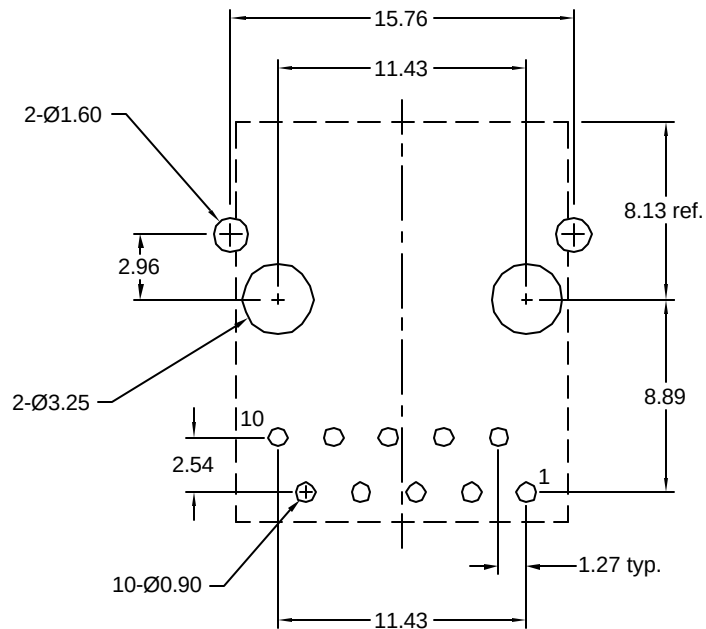




Recommended PCB Layout
(Top View)



Part Number	Contact Area Plating Finish
GM-S-1010	15u" Gold (standard)
GM-S-1010-50	50u" Gold (-50 option)

Materials and Finish

Housing Material-
PBT thermoplastic,
UL 94V-0 rated, black color

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
underplating, selective plating
0.000015" gold on contact
area, tin/lead on termination end

50 Option: 0.0001" nickel
underplating, 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

Specifications

Insulation Resistance-
500 Megohms Min.

Dielectric Withstanding Voltage-
1000V rms, 60Hz

Contact Resistance-
20 milliohms Max.

Current Rating- 1.5A

Durability-
500 mating cycles min.

Operating Temperature-
-40°C to +80°C

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
B1	7/15/02	ECD #02-072	C. Leiva	H. MA	mm
B2	8/14/02	ECD #02-016	REVISED BY	CHECKED DATE	DATE
B3	6/15/05	ECD #05-017	R. Aguirre	7/27/05	4/18/01

GM-S-1010

Right Angle Modular Jack, Shielded

10 position, 10 contacts, through-hole



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