



Materials and Finish

Housing Material-
High Temp Thermoplastic
(Reflow Compatible)
UL 94V-0 Rated
Color: Black

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

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

Part Number	t_gold	Packaging
GM-SMT2-N-1010	Flash	Bulk
GM-SMT2-N-1010-50	50u"	Bulk
GM-SMT2-N-1010-TR	Flash	Tape & Reel
GM-SMT2-N1010-50TR	50u"	Tape & Reel

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
B1	3/20/02	Ref ECD#01-199	C. Leiva		mm
B2	6/4/02	Ref ECD#02-038	REVISED BY	APPROVED BY	DATE
C1	7/12/02	Ref ECD#02-072	C. Leiva		9/23/97

GM-SMT2-N-1010

Right Angle Modular Jack
10 position, 10 contacts, Surface Mount

