



Recommended PCB Layout  
(Top View)

GMCT-N-88

Right Angle Modular Jack  
8 position, 8 contacts



### Materials and Finish

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

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, selectively plated  
0.000015" gold on contact area,  
tin-lead on termination end

50 Option: 0.0001" nickel  
underplating, selectively plated  
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:  
500 mating cycles min.

Operating Temperature:  
-40°C to +80°C

### Tolerances

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

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

REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS
A	1/13/99	New Drawing	C. Leiva		mm [in]
A2	4/14/99	Rev. Dimensions	REVISED BY	APPROVED BY	DATE
B1	7/18/03	ECO #03-xxx	C. Leiva		1/13/99

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