



Recommended PCB Layout
(Top View)

Materials and Finish

Housing Material:
PBT thermoplastic,
UL 94V-0 rated,
Color: Cool Gray
Pantone 3C

Contact Material:
phosphor bronze

Contact Plating Options-:

Standard: 0.0001" nickel
underplated, selectively plated
0.000015" gold on contact
area, tin-lead on soldertails

50: 0.0001" nickel underplated,
selective plated 0.000050"
gold on contact area to
comply with FCC requirements
under No. 47 C.F.R. Part 68,

Subpart F
Design meets UL 1863 Sec. 8
Electrical Probe and Sec. 20
Child Finger test requirements

Specifications

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 Range:
-40°C to +85°C

Part Number	Contact Area Plating Finish
GVMJ-N-62-3C	15u" Gold (standard)
GVMJ-N-62-50-3C	50u" Gold (50 option)

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	6/17/04	New Drawing	H. MA	C. Leiva	H. MA	6/17/04
A1	10/5/04	Release Drawing	H. MA	N/A		
A2	4/25/06	ECO#06-029	H. MA	C. Furumasa		

GVMJ-N-62-xx-3C

Right Angle Modular Jack

8 position, 2 contacts, Cool gray color



UNITS
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