



**RECOMMENDED
PANEL CUTOUT**

Electrical Characteristics

| | |
|-------------------------------------|-----------------------------|
| Nominal Impedance: | 75 ohms |
| Frequency Range: | DC to 1 GHz |
| Operating Voltage (rms): | 500 V maximum at sea level |
| Dielectric Withstand Voltage (rms): | 1500 V maximum at sea level |
| Contact Resistance: | 3 milliohms maximum |
| Insulation Resistance: | 5000 megohms minimum |

Mechanical Characteristics

| | |
|-----------------------|------------------------|
| Mating Cycles: | 5000 cycles minimum |
| Interface Dimensions: | Conform to MIL-C-39012 |

Environmental Characteristics

Temperature Range: -55 °C to +85 °C

| REF. | DESCRIPTION | MATERIAL | PLATING |
|------|-----------------|-------------------|--------------|
| 1 | Body | Zinc Alloy | Nickel |
| 2 | Insulator | Polypropylene | |
| 3 | Ground Terminal | Copper-clad steel | Tin |
| 4 | Socket Contact | Phosphor | Gold |
| 5 | Mount Post | Brass | Tin>5Microns |
| 6 | Lock Washer | Brass | Nickel |
| 7 | Hex Nut | Brass | Nickel |

Note : Nuts and washers are supplied loose.

| | | | |
|-----------------------------|-------|-----|------------|
| Dimension Updated | JC | 8 | 13 May 15 |
| Dimension Added | JC | 7 | 04 July 12 |
| Complete Update | KA | 6 | 17 Mar 08 |
| Tin plating thickness added | MS | 5 | 5 March 08 |
| Additional dimensions added | JDW | 4 | 22 July 05 |
| CAD Issue | PDC | 3 | 22 Oct 02 |
| Mil spec added | VEL | 2 | 05 Aug 98 |
| First Issue | DJH | 1 | 11 Feb 98 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE |



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SCALE: Not To Scale

DRAWN BY:

P D Couzens

TITLE:

PART NUMBER:

DIMENSIONS: mm

CHECKED BY:

S Nash

Shielded BNC Right-angle
PCB Mount Jack

VBM201-75

TOLERANCES:
± 0.2mm unless
otherwise stated

APPROVED BY:

R Drenan

DATE:

22 Oct 02

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