

MOUNTING HOLE

**Electrical Characteristics**

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 4 GHz  
 Insertion Loss: 0.2 dB at 3 GHz  
 Operating Voltage (rms): 500 V maximum at sea level  
 Dielectric Withstand Voltage (rms): 1500 V maximum at sea level  
 Contact Resistance: 1.5 milliohms maximum  
 Insulation Resistance: 5000 megohms minimum

**Mechanical Characteristics**

Mating Cycles: 500 cycles minimum  
 Interface Dimensions: Conform to MIL-C-39012

**Environmental Characteristics**

Temperature Range: -65 °C to +165 °C

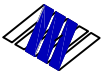
| PART | DESCRIPTION   |
|------|---|
| 1    | Body<br>Brass, nickel plated 1.78µm                   |
| 2    | Nut<br>Brass, nickel plated 1.78µm                    |
| 3    | Washer<br>Iron, nickel plated 1.78µm                  |
| 4    | Dielectric<br>PTFE                                    |
| 5    | Body<br>ABS   |
| 6    | Pin<br>Phosphor bronze, gold plated 0.08 µm to 0.13µm |

|                         |       |     |           |
|-------------------------|-------|-----|-----------|
| Dimensional changes     | MS    | 4   | 7 Jan 09  |
| Dimensional changes     | SN    | 3   | 22 Nov 01 |
| CAD Issue               | SN    | 2   | 06 Nov 01 |
| First Issue             | AT    | 1   | 13 Feb 96 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE      |

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**EMERSON**  
 Network Power

SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
 ± 0.2mm unless  
 otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

M Nielsen

APPROVED BY:

P Couzens

DATE:

22 Nov 01

TITLE:

Isolated BNC Panel Mount  
 Jack

PART NUMBER:

**VB11094A**

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