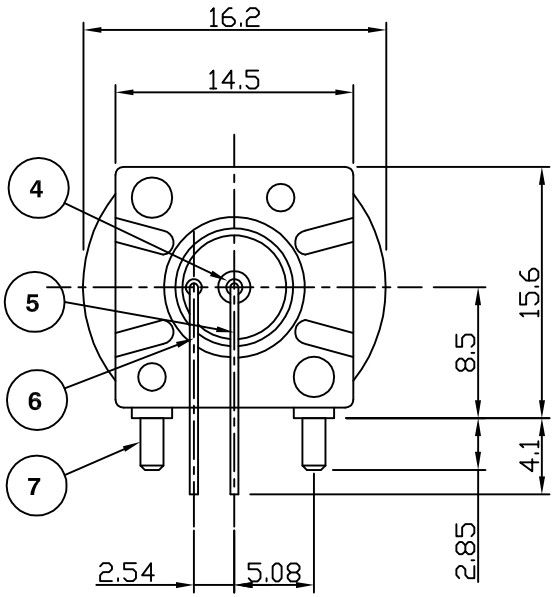
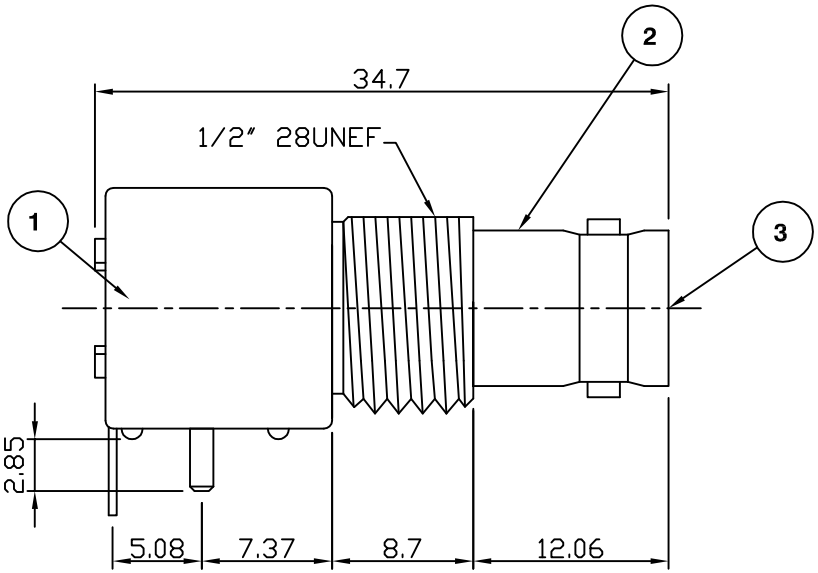
**RoHS COMPLIANT**




## Electrical Characteristics

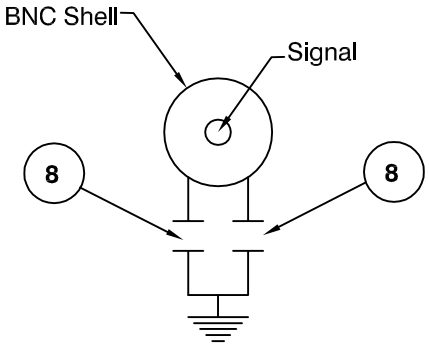
| | |
|---|---|
| Nominal Impedance: | 75 ohms |
| Frequency Range: | DC to 1 GHz |
| Operating Voltage (rms): | 500 V maximum at sea level |
| Dielectric Withstand Voltage (rms): | 1500 V maximum at sea level |
| Contact Resistance: | 3.0 milliohms maximum |
| Insulation Resistance: | 5000 megohms minimum |

## Mechanical Characteristics

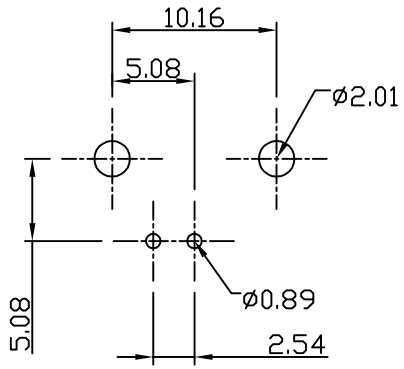
| | |
|---|---|
| Mating Cycles: | 500 cycles minimum |
| Interface Dimensions: | Conform to MIL-C-39012 |

## Environmental Characteristics

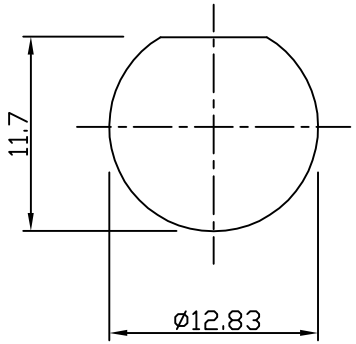
| | |
|---|---|
| Temperature Range: | -65 °C to +165 °C |




Capacitor Circuit Diagram




Recomended PCB Layout




Panel Cut-out

| | PART | DESCRIPTION |
|---|---|---|
| 1 | Body | PBT + 30% Glass Fibre (UL:94V-0) |
| 2 | Body | Zinc Alloy, nickel plated |
| 3 | Insulator | Polypropylene |
| 4 | Contact | Phosphor bronze, gold plated (interface) |
| 5 | Signal Lead | Copper clad steel, tin plated |
| 6 | Ground Terminal | Copper wire, tin plated |
| 7 | Mounting Post | Brass, tin plated |
| 8 | Ceramic Chip Capacitor X 2 | 4700 pF±10% |

| DESCRIPTION OF REVISION | APPVD | ISS | DATE |
|---|---|---|---|
| Corrected note Item 5, was tin lead | MS | 2 | 05 Sep 13 |
| First Issue | SN | 1 | 11 Dec 01 |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| | |
|---|---|
| SCALE: Not To Scale | |
| DIMENSIONS: mm | |
| TOLERANCES: ± 0.2mm unless otherwise stated | |
| DRAWN BY: | S Nash |
| CHECKED BY: | P Couzens |
| APPROVED BY: | M Nielsen |
| DATE: | 11 Dec 01 |

TITLE:

# BNC Right Angle PCB Mount Jack Filter Connector

PART NUMBER:

**VBF201-75**

PAGE: 1 of 1


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