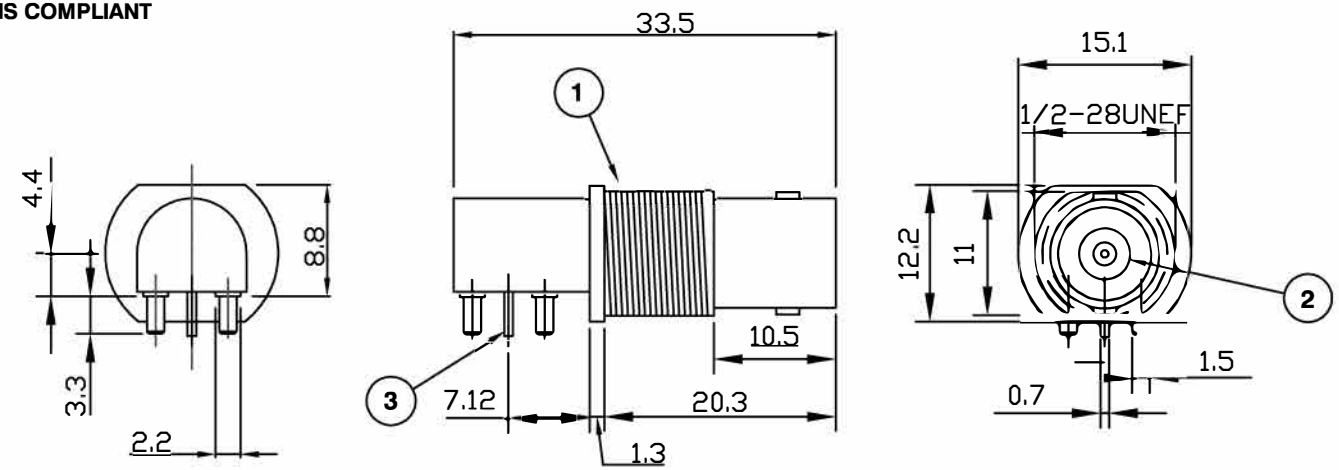
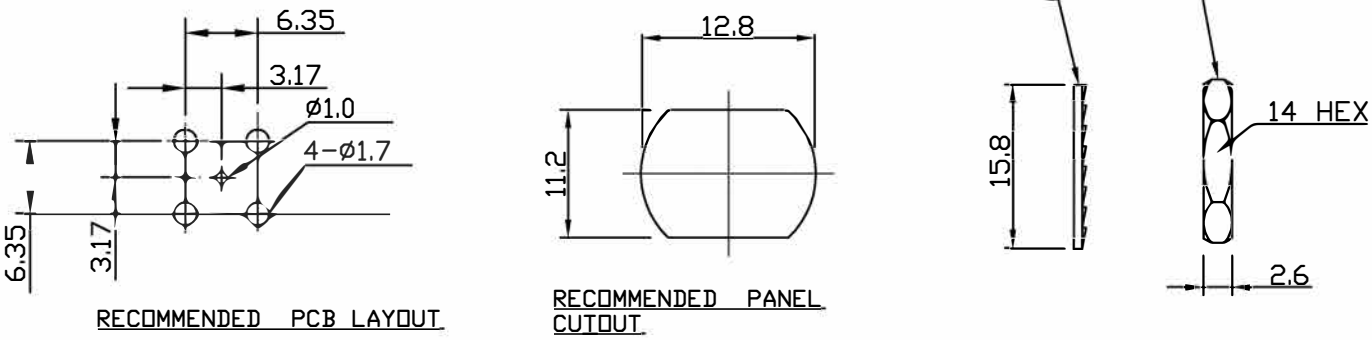
**RoHS COMPLIANT**




**Electrical Characteristics**

| | |
|---|---|
| Nominal Impedance: | 50 ohms |
| Frequency Range: | DC to 1.5 GHz |
| VSWR: | 1.35:1 maximum |
| Operating Voltage (rms): | 500 V maximum at sea level |
| Dielectric Withstand Voltage (rms): | 1000 V maximum at sea level |
| Contact Resistance: | 3.0 milliohms maximum |
| Insulation Resistance: | 5000 megohms minimum |
| Current Rating | 3 Amps maximum |

**Mechanical Characteristics**

| | |
|---|---|
| Mating Cycles: | 500 cycles minimum |

**Environmental Characteristics**

| | |
|---|---|
| Temperature Range: | -40 °C to +85 °C |

| REF. | DESCRIPTION | MATERIAL | PLATING |
|---|---|---|---|
| 1 | Shell | Zinc Alloy | Nickel |
| 2 | Insulator | Polypropylene | |
| 3 | Socket Contact | Phosphor Bronze | Gold |
| 4 | Lock Washer | Iron | Nickel |
| 5 | Hex Nut | Brass | Nickel |

| DESCRIPTION OF REVISION | APPVD | ISS | DATE |
|---|---|---|---|
| Dimension Update | JC | 6 | 15 May 15 |
| Complete Update | KA | 5 | 17 Mar 08 |
| Dimensions corrected | SN | 4 | 08 Jun 04 |
| CAD Issue | SN | 3 | 07 Feb 02 |
| New Format | RCS | 2 | 28 Jan 00 |
| First Issue | AT | 1 | 16 Sep 99 |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| | | | |
|---|---|---|---|
| SCALE: Not To Scale | DRAWN BY: | S Nash | TITLE: Shielded BNC PCB Mount R/A Jack |
| DIMENSIONS: mm | CHECKED BY: | J Cracknell | |
| TOLERANCES: ± 0.2mm unless otherwise stated | APPROVED BY: | M Spooner | |
| | DATE: | 08 Jun 04 | |

PART NUMBER: **VBM511-1502**

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