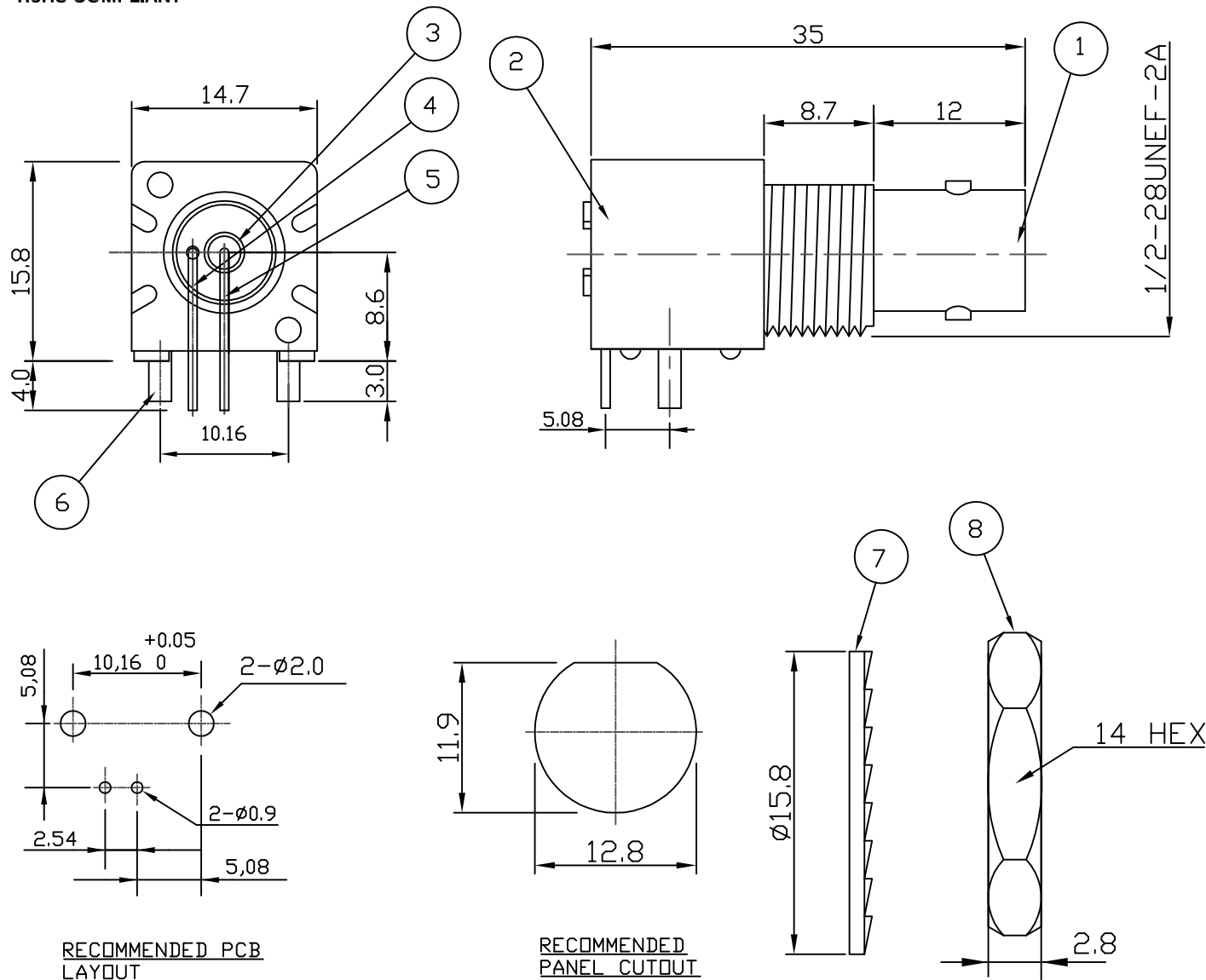


RoHS COMPLIANT



### Electrical Characteristics

|                                     |                             |
|-------------------------------------|-----------------------------|
| Nominal Impedance:                  | 75 ohms                     |
| Frequency Range:                    | DC to 1 GHz                 |
| VSWR:                               | 1.3:1 maximum               |
| Insertion Loss:                     | 0.2 dB at 1 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    | Shell           |
| 2    | Body            |
| 3    | Dielectric      |
| 4    | Ground Terminal |
| 5    | Socket Contact  |
| 6    | Mount Post      |
| 7    | Lock Washer     |
| 8    | Hex Nut         |

|                         |       |     |           |
|-------------------------|-------|-----|-----------|
| Dimensional Changes     | MS    | 5   | 07 May 08 |
| Dimensional Changes     | KA    | 4   | 13 Mar 08 |
| CAD Issue               | SN    | 3   | 14 Jan 02 |
| Dimensional changes     | PDC   | 2   | 04 Feb 00 |
| First Issue             | AT    | 1   | 19 Dec 97 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE      |

**EMERSON**  
Network Power

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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
± 0.2mm unless  
otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

S Nash

APPROVED BY:

M Nielsen

DATE:

14 Jan 02

TITLE:

BNC R/A PCB Mount Jack

PART NUMBER:

**VBI201-75**

PAGE: 1 of 1