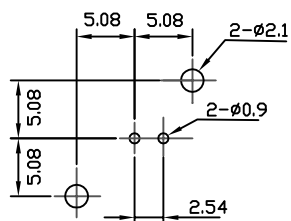
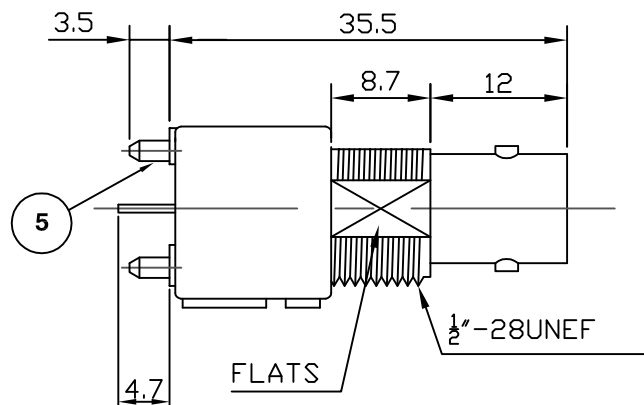
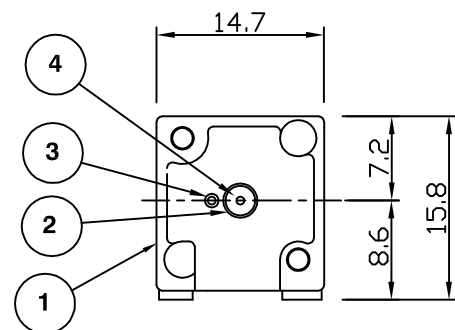
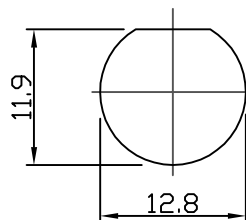


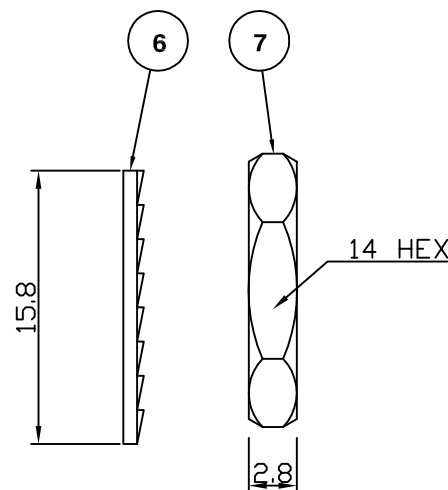
RoHS COMPLIANT



RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 4 GHz
VSWR:	1.3:1 maximum
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:	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:	-55 °C to +85 °C
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REF.	DESCRIPTION	MATERIAL	PLATING
1	Body	Zinc Alloy	Nickel
2	Insulator	Polypropylene UL94V-0	
3	Ground Terminal	Copper-Clad Steel	Tin
4	Socket Contact	Phosphor	Gold
5	Mount Post	Brass	Tin >5 Microns
6	Lock Washer	Brass	Nickel
7	Hex Nut	Brass	Nickel

PCB Layout Update	JT	5	02 June 10
Revised for RoHS compliance	JW	4	26 Apr 06
Nut & washer added	JW	3	04 Apr 06
CAD Issue	SN	2	07 Feb 02
First Issue	DH	1	06 Aug 98
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: J Williams
CHECKED BY: M Terry
APPROVED BY: A Tusi
DATE: 26 Apr 06

TITLE:
**BNC Vertical PCB
Mount Jack**

PART NUMBER:
VBM301

PAGE: 1 of 1