

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:	3.0 milliohms maximum
Insulation Resistance:	5000 megohms minimum

Mechanical Characteristics

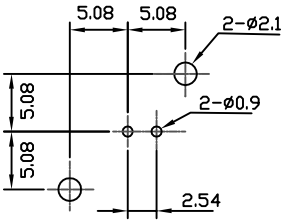
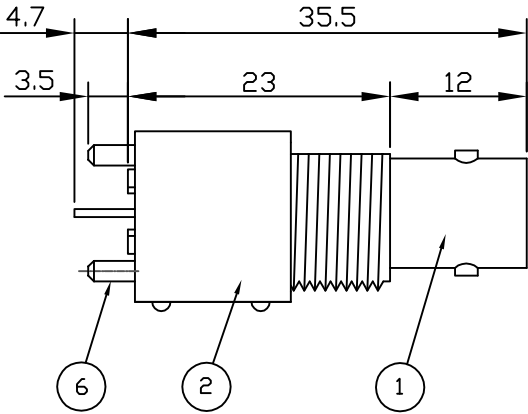
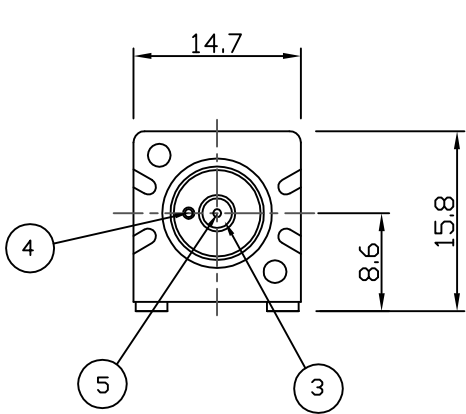
Mating Cycles:	500 cycles minimum
Interface Dimensions:	Conform to MIL-C-39012

Environmental Characteristics

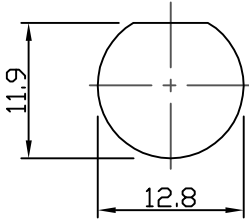
Temperature Range:	-55 °C to +85 °C
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REF.	DESCRIPTION	MATERIAL	PLATING
1	Shell	Zinc Alloy	Nickel
2	Body	P.B.T. UL94V-0	
3	Insulator	Polypropylene	
4	Ground Terminal	Copper-Clad Steel	Tin
5	Socket Contact	Phosphor	Gold
6	Mount Post	Phosphor	TIN >5 Microns
7	Lock washer	Brass	Nickel
8	Hex Nut	Brass	Nickel

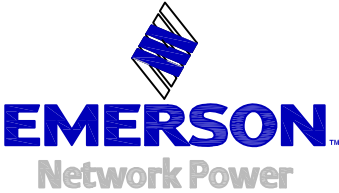
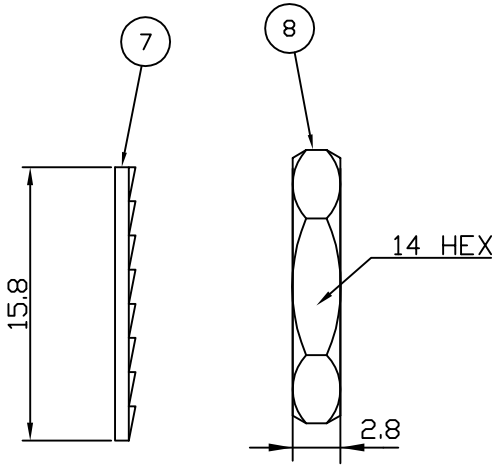
PCB Layout	MS	5	28 Aug 09
Change Of Center Pins Diameter	LB	4	26 Mar 09
Complete Update	KA	3	13 Mar 08
CAD Issue	SN	2	07 Feb 02
First Issue	DH	1	06 Jan 98
DESCRIPTION OF REVISION	APPVD	ISS	DATE



RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT



Connectivity Solutions
7-13 Russel Way,
Widford Industrial Estate,
Chelmsford, Essex,
CM1 3AA, UK.
Tel: +44 (0) 1245 359515
Fax: +44 (0) 1245 358938

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:	07 Feb 02

TITLE:
Insulated BNC Vertical PCB
Mount Jack

PART NUMBER:
VBI301-75

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