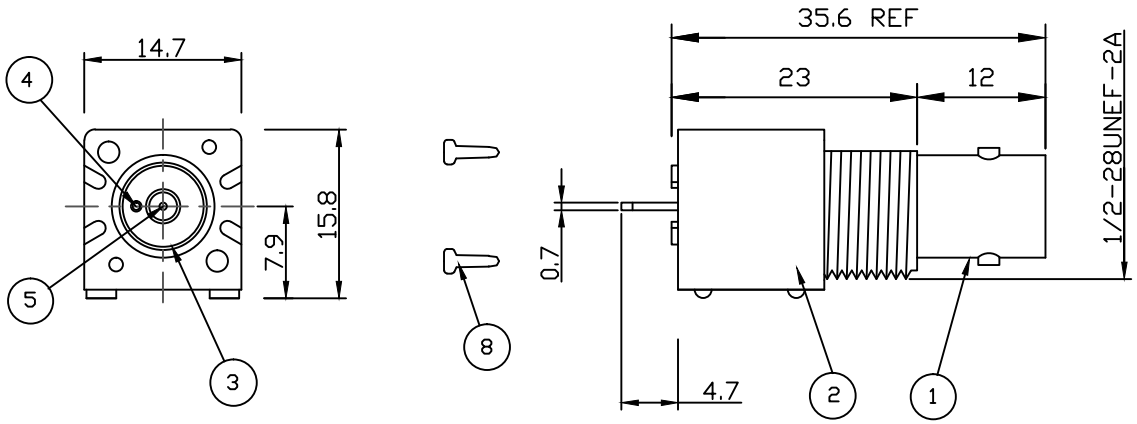
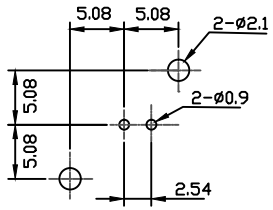
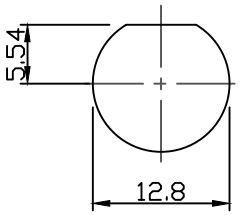
RoHS COMPLIANT

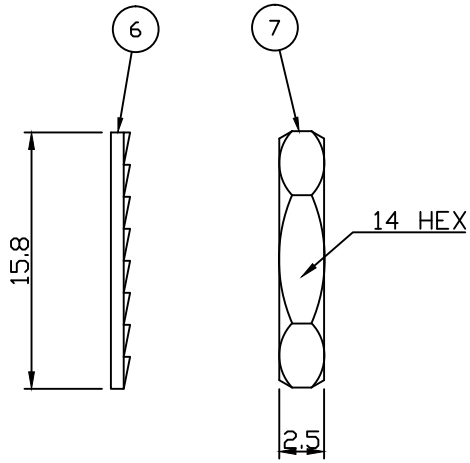




RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT



Note: To be supplied with Mounting Screws.

Electrical Characteristics

Nominal Impedance:	50 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

REF.	DESCPIPTION	MATERIAL	PLATING
1	Shell	Zinc Alloy	Nickel
2	Body	P.B.T. White	
3	Insulator	PE-606	
4	Ground terminal	Copper Tin	Tin
5	Socket contact	Phosphor Bronze	Gold
6	Lock washer	Steel	Nickel
7	Hex Nut	Brass	Nickel
8	Screw	Steel	Nickel

DESCRIPTION OF REVISION	APPVD	ISS	DATE
Dimension/Title/Material Update	JC	6	07 Oct 15
Drawing Update	JC	5	10 Sept 15
ECN 2015-007	JC	4	11 Aug 15
PCB Layout	MS	3	28 Aug 09
CAD Issue	SN	2	07 Feb 02
First Issue	DH	1	06 Jan 98

CINCH CONNECTIVITY SOLUTIONS
11 Bilton Road,
Chelmsford,Essex,
CM1 2UP, 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.
Self-tap PBT body with supplied screws.

PART NUMBER:
VBI302

PAGE: 1 of 1

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