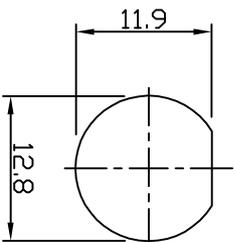
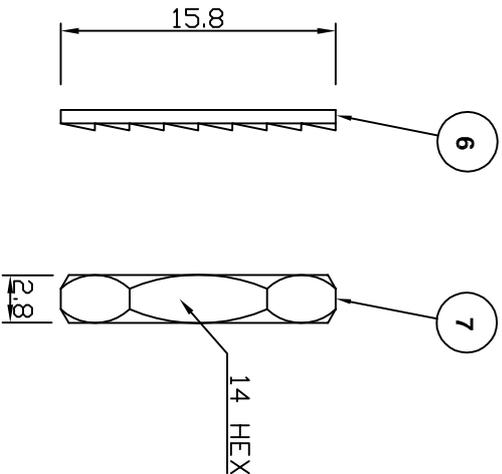


RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUTOUT



**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

REF.	DESCRIPTION	MATERIAL	PLATING
1	Body	Zinc Alloy	Nickel
2	Insulator	Polypropylene	
3	Ground Terminal	Copper-clad Steel	Tin
4	Socket Contact	Phosphor	Gold
5	Mount Post	Phosphor	Tin > 5 Microns
6	Lock Washer	Brass	Nickel
7	Hex Nut	Brass	Nickel

DESCRIPTION OF REVISION	APPVD	ISS	DATE
PCB Layout	MS	6	28 Aug 09
Complete Update	KA	5	13 Mar 08
Plating thickness added	MS	4	15 Jan 08
Nut & washer added	JW	3	04 Apr 06
CAD Issue	SN	2	07 Feb 02
First Issue	DH	1	06 Aug 98



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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 Tusl  
 DATE: 04 Apr 06

TITLE:  
**BNC Vertical PCB  
 Mount Jack**

PART NUMBER:  
**VBM301-75**