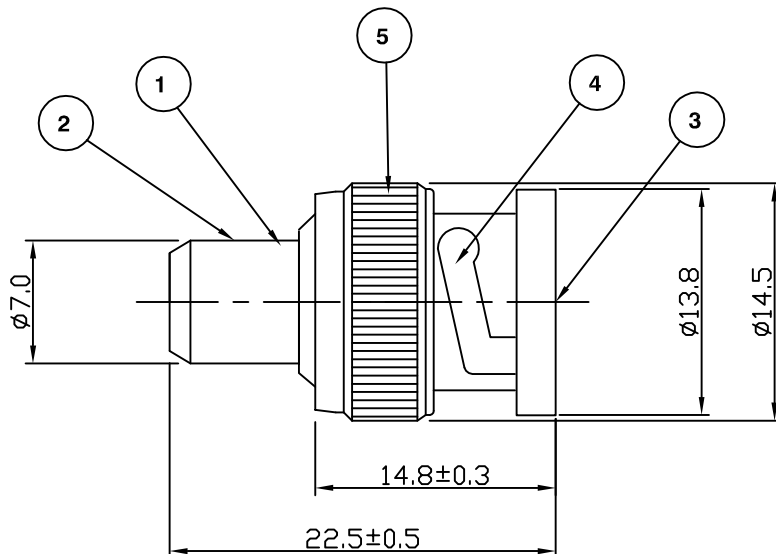


RoHS COMPLIANT



**Electrical Characteristics**

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 4 GHz  
 Power: 0.5 Watts  
 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

**Mechanical Characteristics**

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

**Environmental Characteristics**

Temperature Range: -55 °C to +85 °C

PART	DESCRIPTION
1	Body Brass, nickel plated 1.78 µm minimum
2	Resistor 50 Ohm 1/2 Watt
3	Contact Brass, gold plated 0.076 µm - 0.127 µm
4	Dielectric POM
5	Shell Zink, nickel plated 1.78 µm minimum

CAD Issue	PDC	1	14 Oct 02
First Issue	CN	A	09 Feb 95
DESCRIPTION OF REVISION	APPVD	ISS	DATE



**Cinch 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:

P D Couzens

CHECKED BY:

S Nash

APPROVED BY:

A J Tatner

DATE:

14 Oct 02

TITLE:

**BNC 50 Ohm Terminator  
 1/2 W**

PART NUMBER:

**VBT50**

PAGE: 1 of 1