



**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 1.78µm minimum
2	Resistor	50 Ohm 1/2 Watt
3	Contact	Brass, gold plated 0.076µm - 0.127µm
4	Dielectric	POM
5	Shell	Zink, nickel plated 1.78µm 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	DRAWN BY:	P D Couzens
DIMENSIONS: mm	CHECKED BY:	S Nash
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY:	A J Tatner
	DATE:	14 Oct 02

TITLE:	PART NUMBER:
BNC 50 Ohm Terminator 1/2 W	VBT50
	PAGE: 1 of 1