



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

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

PART NUMBER:

VBT50

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Mouser Electronics

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