



For stripping and assembly instructions see Drawing Number: VAIB1101

Electrical Characteristics

Nominal Impedance:	75 ohms
Frequency Range:	DC to 1 GHz
VSWR:	1.3:1 maximum
Insertion Loss:	0.1 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:	1.5 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:	-65 °C to +165 °C
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PART	DESCRIPTION
1	Body Brass, nickel plated 2.54 µm
2	Ferrule Brass, nickel plated 2.54 µm
3	Contact Brass, gold plated 0.076 µm - 0.127 µm
4	Dielectric PTFE

Measurements updated	KA	3	13 Aug 07
CAD Issue	SN	2	25 June 01
First Issue	DW	1	04 Jan 95
DESCRIPTION OF REVISION	APPVD	ISS	DATE



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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:

25 June 01

TITLE:

BNC Crimp Plug for BT2003

PART NUMBER:

VB10-2033

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Mouser Electronics

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