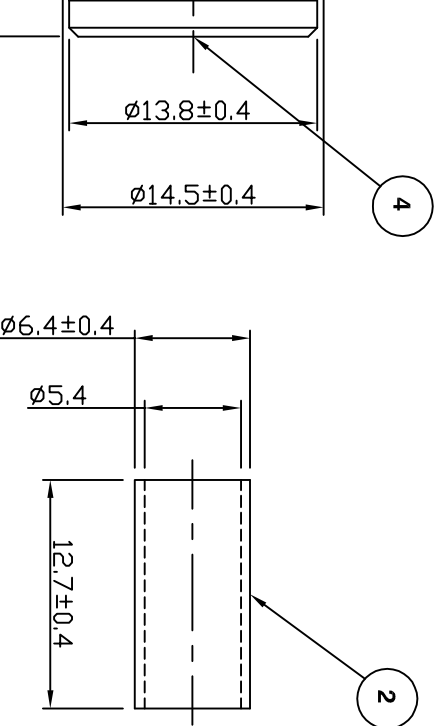




# THE DATASHEET OF VCP10-51





### Electrical Characteristics

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 4 GHz  
 VSWR: 1.3:1 maximum  
 Insertion Loss: 0.2 dB at 3 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

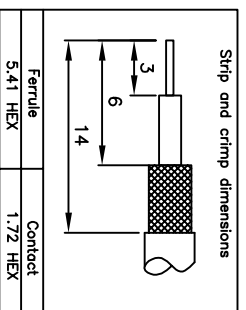
Mating Cycles: 500 cycles minimum  
 Interface Dimensions: Conform to MIL-C-39012

### Environmental Characteristics

Temperature Range: -55 °C to +85 °C

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 Delrin

Drawing update	JT	7	14 April 10
Measurements updated	KA	6	13 Aug 07
Change of Supplier (15-01-06)	RP	5	12 Jan 07
CAD Issue	SN	4	18 Jan 02
Change of flange on contact	AT	3	30 Oct 98
Tidled up	AT	2	02 Nov 95
First Issue	AT	1	27 April 92
DESCRIPTION OF REVISION	APPVD	ISS	DATE



Drawing Number: VAIB1101

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: 18 Jan 02

TITLE:

BNC Crimp Plug for RG58

PART NUMBER:

VB10-2051

PAGE: 1 of 1

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- [View VCP10-51 on WIN SOURCE](#)
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