

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

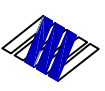
Environmental Characteristics

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
Tidied up	AT	2	02 Nov 95
First Issue	AT	1	27 April 92
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instructions see Drawing Number: VAIB1101



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SCALE: Not To Scale	DRAWN BY: S Nash
DIMENSIONS: mm	CHECKED BY: S Nash
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY: M Nielsen
	DATE: 18 Jan 02

TITLE:
BNC Crimp Plug for RG58

PART NUMBER:
VB10-2051

Mouser Electronics

Authorized Distributor

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