

**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

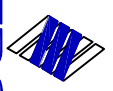
**Environmental Characteristics**

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	Pin Brass, gold plated 0.076 µm - 0.127 µm
4	Insulator POM

Strip & crimp dimensions added	JT	5	25 Mar 10
Measurements updated	KA	4	13 Aug 07
CAD Issue	SN	3	06 Nov 01
New format	DW	2	16 Nov 99
First Issue	IFS	1	02 Sept 99
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instructions see Drawing Number: VAIB1102



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SCALE: Not To Scale	DRAWN BY: S Nash
DIMENSIONS: mm	CHECKED BY: P Couzens
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY: S Nash
DATE: 06 Nov 01	

TITLE:  
**BNC Crimp Plug for BICC**  
 3627

PART NUMBER:

**VB10-2022**

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