



For stripping and assembly instructions see Drawing Number: VAIB1101

**Electrical Characteristics**

Nominal Impedance: 75 ohms  
 Frequency Range: DC to 1 GHz  
 VSWR: 1.35:1 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

PART	DESCRIPTION
1	Body Brass, nickel plated 2.54µm
2	Ferrule Brass, nickel plated 2.54µm
3	Contact Brass, gold plated 0.076µm - 0.127µm
4	Dielectric PTFE

Strip And Crimp Dims Added	LB	4	26 Aug 09
CAD Issue	SN	3	18 Jan 02
Pin hole size changed	AT	2	21 Jan 98
First Issue	AT	1	04 March 96
DESCRIPTION OF REVISION	APPVD	ISS	DATE

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

TITLE:

BNC Crimp Plug for  
 RG179, RG187, BT3002,  
 TZC75024, and PSF1/7M

PART NUMBER:

**VB10-2062**

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