



**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: -65 °C to +165 °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 PTFE
5	Washer Brass, nickel plated 2.54 µm
6	Nut Brass, nickel plated 2.54 µm
7	Washer Steel, nickel plated 2.54 µm

Dimensional update on Item 5-Washer	JT	5	26 April 10
Strip & Crimp Dims Added	MS	4	25 Aug 09
Updated Dimensions	LB	3	23 June 09
CAD Issue	SN	2	24 Jan 02
First Issue	AT	1	13 Oct 95
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instructions see Drawing Number: VALB6101

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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: G Dalton
DATE: 24 Jan 02	

TITLE:  
**BNC Crimp Panel Mount Jack**  
 (front entry) for RG174

PART NUMBER: <b>VB60-2071</b>	PAGE: 1 of 1
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