



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 1.78µm
2	Ferrule Brass, nickel plated 1.78µm
3	Contact Brass, gold plated 0.076µm - 0.127µm
4	Dielectric PTFE

Drawing update	JT	5	15 April 10
Measurements updated	KA	4	17 Oct 08
Measurements and drawing updated	KA	3	14 Aug 07
CAD Issue	SN	2	21 Jan 02
First Issue	YL	1	10 June 94

For stripping and assembly instructions see Drawing Number: VAIB3101

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: 21 Jan 02

TITLE:

BNC Crimp Jack for RG174

PART NUMBER:

VB30-2071

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