





Electrical Characteristics

Nominal Impedance: 50 ohms DC to 4 GHz Frequency Range: VSWR: 2:1 maximum

Operating Voltage (rms): 500 V maximum at sea level Dielectric Withstand Voltage (rms): 1500 V maximum at sea level 3 milliohms maximum Center Contact Resistance:

Outer Contact Resistance: 2 milliohms maximum Insulation Resistance: 5000 megohms minimum

Mechanical Characteristics

500 cycles minimum Mating Cycles:

Environmental Characteristics

-40 °C to +85 °C Temperature Range:

	PART	DESCRIPTION			
1	Shell	Zinc Alloy, nickel plated			
2	Body	P.B.T. UL94V-0 (White)			
3	Dielectric	Polypropylene			
4	Ground Terminal	Brass, tin plated			
5	Socket Contact	Phosphor Bronze, gold plated			
6	Mount Post	Brass, tin plated >5 Microns			
7	Lock Washer	Iron, nickel plated			
8	Hex Nut	Brass, nickel plated			

ECN - D17509, Material & Dimension updates	MS	11	12 Oct 21
ECN 2015-005	JC	10	28 May 15
Text Change	JC	9	24 Jan 13
PCB Mounting Dimensions Corrected	LB	8	21 Jan 09
Complete Update	KA	7	13 Mar 08
Updated Address	KA	6	22 Feb 08
CAD Issue	SN	5	05 Feb 02
Added UL Numbers	AT	4	01 June 99
DESCRIPTION OF REVISION	APPVD	ISS	DATE



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S Nash DRAWN BY: SCALE: Not To Scale **DIMENSIONS: mm** S Nash **CHECKED BY: TOLERANCES:** M Nielsen APPROVED BY: ± 0.2mm unless otherwise stated DATE: 05 Feb 02

TITLE:

BNC R/A PCB Mount Jack (low profile)

PART NUMBER:

VBI211

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