



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 11 GHz
VSWR:	1.3:1 maximum
Insertion Loss:	0.3 dB at 10 GHz
Operating Voltage (rms):	1000 V maximum at sea level
Dielectric Withstand Voltage (rms):	2500 V maximum at sea level
Contact Resistance:	1.0 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
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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 PTFE

First Issue	SN	1	14 Aug 01
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instructions see Drawing Number: VAIN2101



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:
 ± 0.2mm unless
 otherwise stated

DRAWN BY: S Nash

CHECKED BY: MLN

APPROVED BY: PDC

DATE: 14 Aug 01

TITLE:
 N Crimp Jack for RG213

PART NUMBER:
VN30-2020

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