



For stripping and assembly instructions see Drawing Number: VAIN1101

Electrical Characteristics

Nominal Impedance: 50 ohms
 Frequency Range: DC to 11 GHz
 VSWR: 1.35:1 maximum
 Insertion Loss: 0.17 dB max
 Operating Voltage (rms): 1500 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

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

Ferrule & Contact Dimensions Modified	JT	7	02 Mar 10
Crimp dimension was 3.3mm	PDC	6	04 Oct 02
CAD Issue	SN	5	14 Aug 02
Ferrule Dimension Modified	PDC	4	04 Oct 00
New Dimensions	RS	3	28 Jun 99
New Internal Design	DH	2	12 May 98
First Issue	AT	1	02 Feb 95
DESCRIPTION OF REVISION	APPVD	ISS	DATE

SCALE: Not To Scale	DRAWN BY: P D Couzens
DIMENSIONS: mm	CHECKED BY: S Nash
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY: S Nash
	DATE: 04 Oct 02

TITLE: N Crimp Plug for RG213		PART NUMBER: VN10-2020	
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