



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 4 GHz
VSWR:	1.35:1 maximum
Insertion Loss:	0.2 dB at 4 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 1.78µm
2	Dielectric	PTFE
3	Contact	Brass, gold plated 0.076µm - 0.127µm
4	Cap	Brass, nickel plated 1.78µm
5	Ferrule	Brass, nickel plated 1.78µm

Strip And Crimp Dims	LB	4	26 Aug 09
CAD Issue	SN	3	31 July 02
Up Issued	SN	2	06 July 01
First Issue	PDC	1	12 July 00
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: P Couzens
APPROVED BY: P Couzens
DATE: 31 July 02

TITLE:
N R/A Crimp Plug For
RG213

PART NUMBER:
VN20-2020
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