



For stripping and assembly instructions see Drawing Number: VAIN1101

**Electrical Characteristics**

Nominal Impedance:	50 ohms
Frequency Range:	DC to 11 GHz
VSWR	1.3:1 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
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	PART	DESCRIPTION
1	Body	Brass, nickel plated
2	Ferrule	Brass, nickel plated
3	Contact	Brass, gold plated
4	Dielectric	Teflon

DESCRIPTION OF REVISION	APPVD	ISS	DATE
Dimensions / Material Update	MS	5	03 Jun 19
Contact Dimensions updated	MS	4	24 Apr 09
Crimp dimension was 3.3mm	PDC	3	04 Oct 02
CAD Issue	SN	2	29 Jan 02
First Issue	DW	1	15 Jun 99



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SCALE: Not To Scale  
 DIMENSIONS: mm  
 TOLERANCES:  
 ± 0.2mm unless  
 otherwise stated

DRAWN BY: P D Couzens  
 CHECKED BY:  
 APPROVED BY:  
 DATE: 04 Oct 02

TITLE:  
 N Crimp Plug for RG214

PART NUMBER:  
**VN10-2019**  
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