

**Electrical Characteristics**

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 11 GHz  
 VSWR: 1.35:1 maximum  
 Insertion Loss: 0.2 dB at 3 GHz  
 Operating Voltage (rms): 500 V maximum at sea level  
 Dielectric Withstand Voltage (rms): 1500 V maximum at sea level  
 Contact Resistance: 1.5 milliohms maximum  
 Insulation Resistance: 5000 megohms minimum

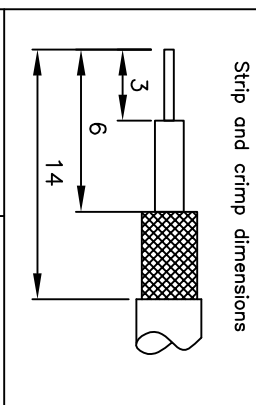
**Mechanical Characteristics**

Mating Cycles: 500 cycles minimum  
 Interface Dimensions: Conform to MIL-C-39012

**Environmental Characteristics**

Temperature Range: -55 °C to +85 °C

PART	DESCRIPTION
1	Body Brass, nickel plated
2	Ferrule Brass, nickel plated
3	Contact Brass, gold plated
4	Dielectric POM
5	Gasket Rubber



DESCRIPTION OF REVISION	APPVD	ISS	DATE
Altered Measurements	KA	4	28 Mar 08
Altered Measurements & changed Ferrull	KA	3	12 Oct 07
CAD Issue	SN	2	29 Jan 02
First Issue	AT	1	21 Jan 98

For stripping and assembly instructions see Drawing Number: VAIT1101



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

DRAWN BY:	S Nash
CHECKED BY:	S Nash
APPROVED BY:	P Couzens
DATE:	29 Jan 02

TITLE:  
**TNC Crimp Plug for RG58**

PART NUMBER:

**VT10-2051**