

Ferrule	5.41 HEX
Contact	1.72 HEX

**Electrical Characteristics**

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 4 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**

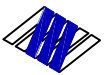
Mating Cycles: 500 cycles minimum  
 Interface Dimensions: Conform to MIL-C-39012

**Environmental Characteristics**

Temperature Range: -55 °C to +85 °C

PART	DESCRIPTION
1	Body Brass, nickel plated 1.78µm
2	Ferrule Brass, nickel plated 1.78µm
3	Contact Brass, gold plated 0.076µm - 0.127µm
4	Dielectric PTFE

For stripping and assembly instructions see Drawing Number: VAIB2102



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

DRAWN BY:	J Cracknell
CHECKED BY:	J Cracknell
APPROVED BY:	M Spooner
DATE:	10/01/2013

TITLE:

**BNC Right Angle Crimp Plug  
 for RG142 RG223 RG400**

PART NUMBER:

**VB20-2050C**

DESCRIPTION OF REVISION	APPVD	ISS	DATE
Contact changed	MS	2	17 Jan 13
First Issue	JC	1	10 Jan 13