



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 18 GHz
VSWR:	1.05+0.005f
Insertion Loss:	0.6 √FREQ. GHZ dB MAX
Operating Voltage (rms):	500 V maximum at sea level
Dielectric Withstand Voltage (rms):	1000 V maximum at sea level
Contact Resistance:	2.0 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, gold plated
2	Contact	Brass, gold plated
3	Dielectric	PTFE

For stripping and assembly instructions see Drawing Number: VAIS1401

First Issue	SN	1	13 May 03
DESCRIPTION OF REVISION	APPVD	ISS	DATE



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

DRAWN BY: S Nash
 CHECKED BY:
 APPROVED BY:
 DATE: 13 May 03

TITLE:
**SMA Direct Solder Plug for
 RG402**

PART NUMBER:
VS10-2141-1102

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