

Electrical Characteristics	
Nominal Impedance:	50 ohms
Frequency Range:	DC to 18 GHz
VSWR:	1.07+0.008f
Insertion Loss:	0.6 √FREQ. GHz dB MAX.
Operating Voltage (rms):	335 V maximum at sea level
Dielectric Withstand Voltage (rms):	750 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

	PART	DESCRIPTION
1	Body	Brass, gold plated
2	Insulator	PTFE
3	Insulator	PTFE
4	Contact	Be Cu, gold plated

CAD Issue	SN	2	15 Apr 03
First Issue	PDC	1	21 July 00
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instnctions see Drawing Number: VAIS5401



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:
± 0.2mm unless
otherwise stated

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE:

S Nash

15 Apr 03

TITLE:

SMA Flange Mount Jack
for RG405

PART NUMBER:

VS50-2085

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