



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 instructions see Drawing Number: VAIS5401

Connectivity Solutions

7-13 Russell Way,
 Widford Industrial Estate,
 Chelmsford, Essex,
 CM1 3AA, UK.
 Tel: +44 (0) 1245 359515
 Fax: +44 (0) 1245 358938

SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:
 ± 0.2mm unless
 otherwise stated

DRAWN BY: S Nash

CHECKED BY:

APPROVED BY:

DATE: 15 Apr 03

TITLE:

SMA Flange Mount Jack
 for RG405

PART NUMBER:

V550-2085

PAGE: 1 of 1

