

**Electrical Characteristics**

Nominal Impedance:	50 ohms
Frequency Range:	DC to 11 GHz
Operating Voltage (rms):	335 V maximum at sea level
Dielectric Withstand Voltage (rms):	750 V maximum at sea level
Contact Resistance:	1.0 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, nickel plated
2	Dielectric	PTFE
3	Contact	Brass, gold plated

Drawing, Address & RoHS Update	JT	3	25 Mar 10
CAD Issue	SN	2	03 Oct 02
First Issue	DJH	1	16 Jul 98
DESCRIPTION OF REVISION	APPVD	ISS	DATE

**Connectivity Solutions**

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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:
± 0.2mm unless
otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

P Couzens

APPROVED BY:

P Couzens

DATE:

03 Oct 02

TITLE:

SMA Plug to N Jack

PART NUMBER:

VA502

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