



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 11 GHz
VSWR:	1.30:1 maximum
Insertion Loss:	0.3 dB at 10 GHz
Operating Voltage (rms):	1000 V maximum at sea level
Dielectric Withstand Voltage (rms):	2500 V maximum at sea level
Centre Contact Resistance:	3.0 milliohms maximum
Outer 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
Body	Brass, nickel plated
Dielectric	Brass, nickel plated
Gasket	Silicone
Contact	Brass, gold plated
Insulator	PTFE
Solder Nut	Brass, gold plated

First Issue	SN	1	20 May 02
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instructions see Drawing Number: VAIN1401



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:
± 0.2mm unless
otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

S Nash

APPROVED BY:

P Couzens

DATE:

20 May 02

TITLE:

N Solder Plug for .141 Cable

PART NUMBER:

VN10-2141

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Mouser Electronics

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