



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

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



Cinch 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	DRAWN BY: S Nash
DIMENSIONS: mm	CHECKED BY: S Nash
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY: P Couzens
	DATE: 20 May 02

TITLE:
N Solder Plug for .141 Cable

PART NUMBER:
VN10-2141

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