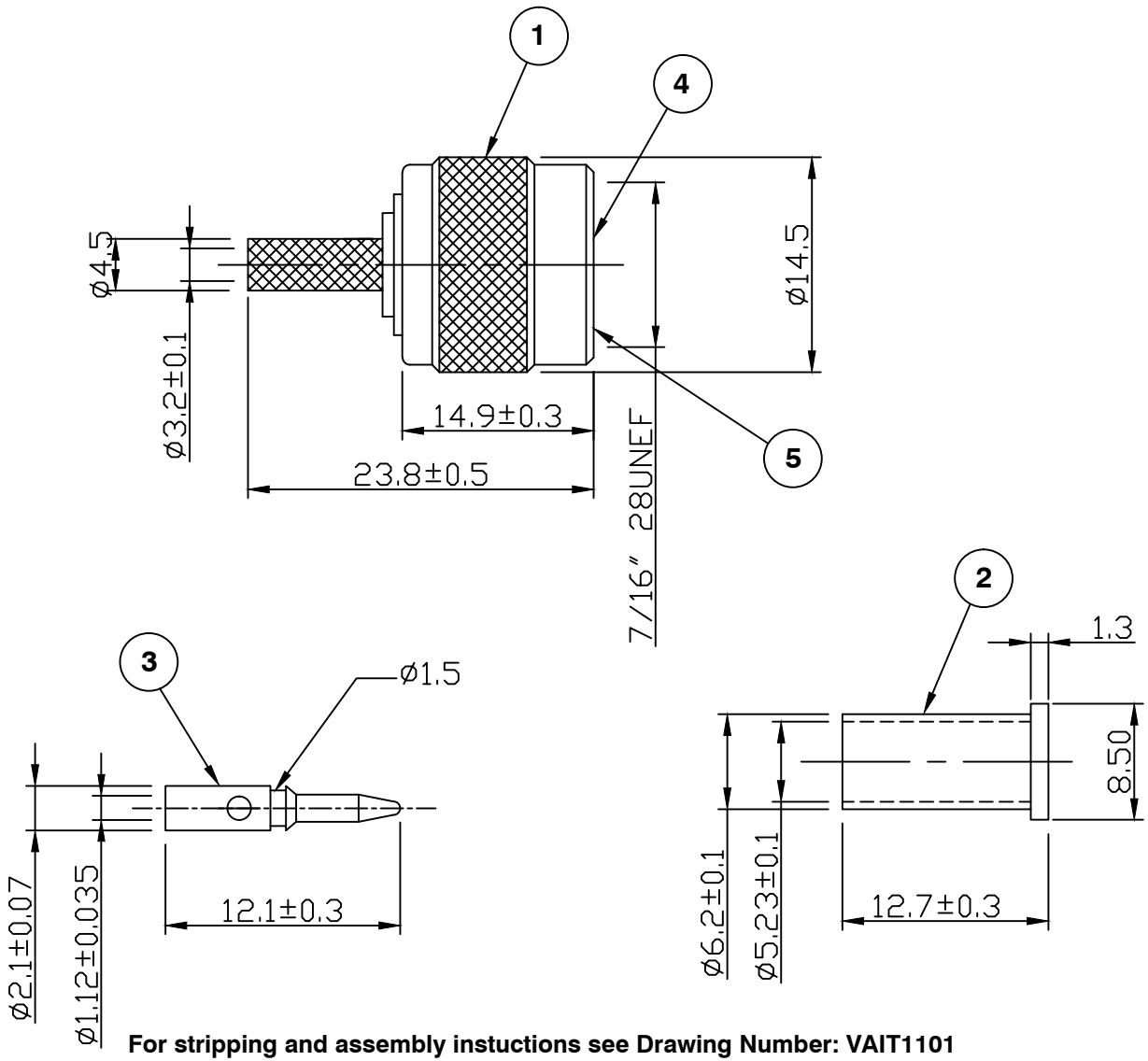
RoHS COMPLIANT



For stripping and assembly instuctions see Drawing Number: VAIT1101

Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 4.0 GHz
VSWR:	1.35:1 maximum
Insertion Loss:	0.2 dB at 3 GHz
Operating Voltage (rms):	500 V maximum at sea level
Dielectric Withstand Voltage (rms):	1500 V maximum at sea level
Contact Resistance:	1.5 milliohms maximum
Insulation Resistance:	5000 megohms minimum

Mechanical Characteristics

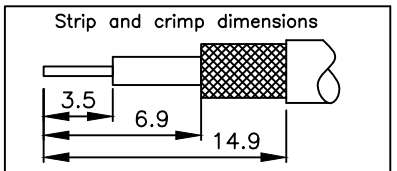
Mating Cycles:	500 cycles minimum
Interface Dimensions:	Conform to MIL-C-39012

Environmental Characteristics

Temperature Range:	-55 °C to +85 °C

	PART	DESCRIPTION
1	Body	Zinc, Nickel Plated
2	Ferrule	Brass, Nickel Plated
3	Contact	Brass, Gold Plated
4	Dielectric	POM, Natural
5	Gasket	PVC, Red

Strip and crimp dimensions



Ferrule	Contact
5.41 HEX	1.72 HEX

ECN D17486 - Material / Dim Updates	MS	5	06 Jul 21
Altered Measurments	KA	4	28 Mar 08
Altered Measurments & changed Ferrull	KA	3	12 Oct 07
CAD Issue	SN	2	29 Jan 02
First Issue	AT	1	21 Jan 98
DESCRIPTION OF REVISION	APPVD	ISS	DATE

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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:	29 Jan 02

TITLE:

TNC Crimp Plug for RG58

PART NUMBER:

VT10-2051

PAGE: 1 of 1

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