

RoHS COMPLIANT

**Electrical Characteristics**

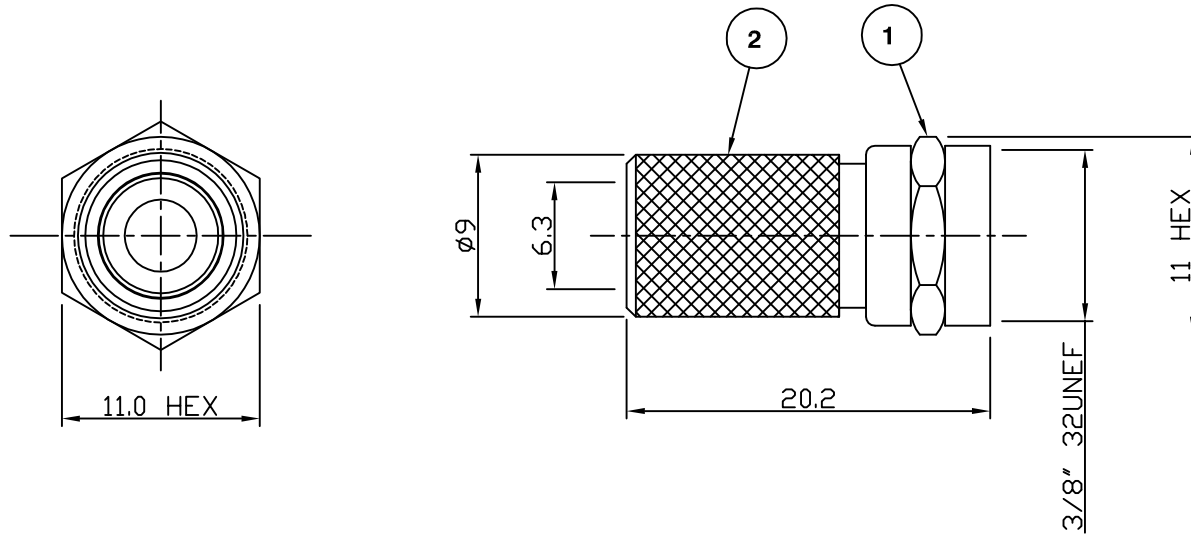
Nominal Impedance:	Non Constant
Frequency Range:	DC to 2 GHz
VSWR:	1.35:1 maximum
Insertion Loss:	0.2 dB at 2 GHz
Operating Voltage (rms):	250 V maximum at sea level
Dielectric Withstand Voltage (rms):	1500 V maximum at sea level
Contact Resistance:	3.0 milliohms maximum
Insulation Resistance:	5000 megohms minimum

**Mechanical Characteristics**

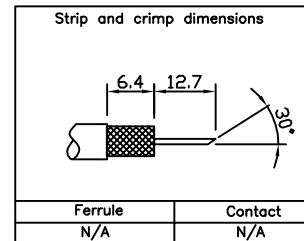
Mating Cycles:	50 cycles (subject to cable)
Interface Dimensions:	Conform to MIL-C-39012

**Environmental Characteristics**

Temperature Range:	-65 °C to +165 °C
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PART	DESCRIPTION
1	Coupling Nut Zinc, nickel plated 2.54 µm
2	Body Brass, nickel plated 2.54 µm



For stripping and assembly instructions see Drawing Number: VAIF1301

Measurement update	KA	3	21 Aug 07
CAD Issue	SN	2	14 Nov 01
First Issue	AT	1	03 Dec 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:

M Nielsen

APPROVED BY:

P Couzens

DATE:

14 Nov 01

TITLE:

Twist-on F Plug For  
RG6/CT100 Cable Types

PART NUMBER:

**TOF56**

PAGE: 1 of 1

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