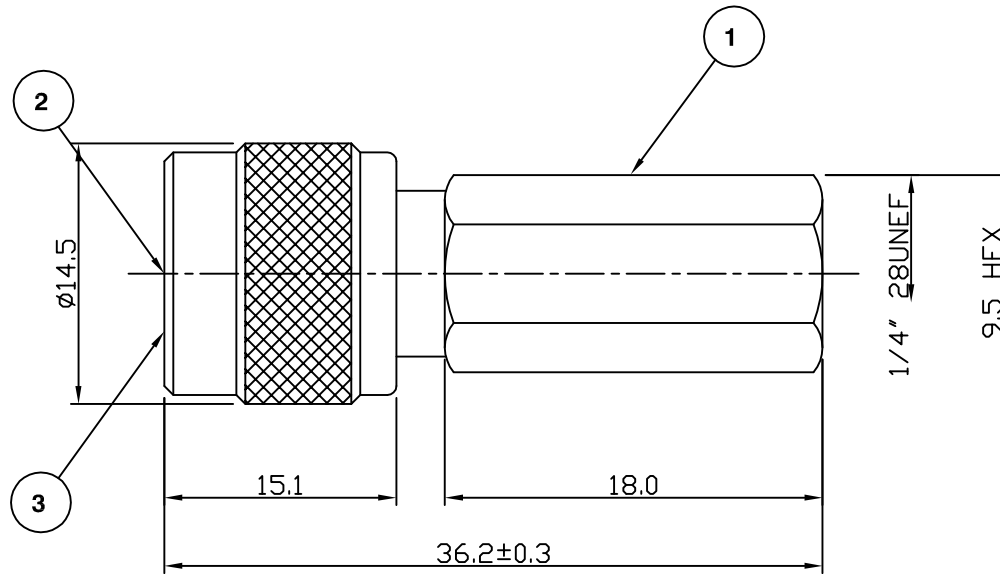


RoHS COMPLIANT



**Electrical Characteristics**

Nominal Impedance:	75 ohms
Frequency Range:	DC to 1 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**

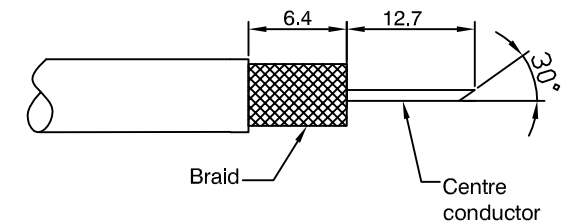
Mating Cycles:	500 cycles minimum
Interface Dimensions:	Conform to MIL-C-39012

**Environmental Characteristics**

Temperature Range:	-55 °C to +85 °C
--------------------	------------------

	PART	DESCRIPTION
1	Body	Brass, nickel plated
2	Contact	Brass, gold plated
3	Dielectric	POM

**Strip dimensions**



**For stripping and assembly instructions see Drawing Number: VAIT1301**

Up Issue	SN	2	07 Aug 03
First Issue	SN	1	22 May 03
DESCRIPTION OF REVISION	APPVD	ISS	DATE



Cinch Connectivity Solutions  
 7-13 Russel Way,  
 Widford Industrial Estate,  
 Chelmsford,  
 Essex, CM1 3AA, UK  
 Tel: +44 (0) 1245 359515  
 Fax: +44 (0) 1245 358938

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:

07 Aug 03

TITLE:

**TNC Twist On Plug for  
 RG59**

PART NUMBER:

**TOTNC10-59/62**

PAGE: 1 of 1