

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	initial	12/23/2015	Chad

1.Connector is in accordance with IEC60169-16
Male interface screw thread: 7/16-28UNEF-2B

2.Electrical Characteristics:

Impedance(Ω) 50Ω
Frequency Range 0~3 GHz
Insulation Resistance ≥5000MΩ
Withstanding Voltage AC(V/min) 1000V
VSWR ≤1.2 0~3G
Contact Resistance(N)

Inner conductor ≤2.0 mΩ
Outer conductor ≤0.4 mΩ

3.Material and plating:--

Outer contact	Brass (HPb59-1)	Nickel plated
Center contact	Brass (HPb59-1)	Gold plated
Insulator	PTFE	
Nut	Brass (HPb59-1)	Nickel plated
Seal ring	Silicone Rubber	
Copper pipe	Brass (H62)	Nickel plated

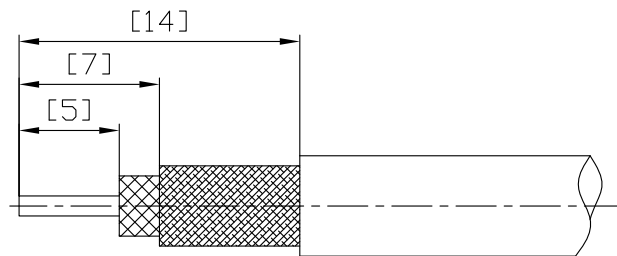
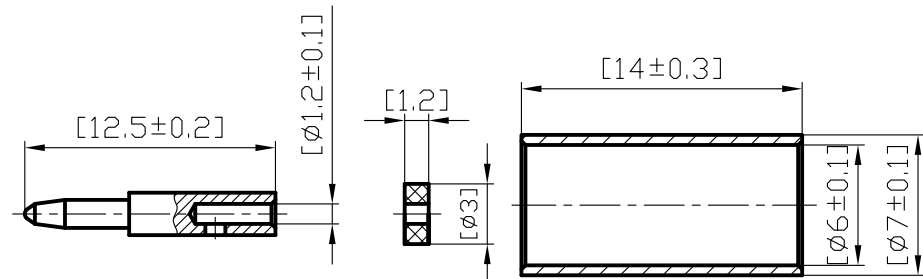
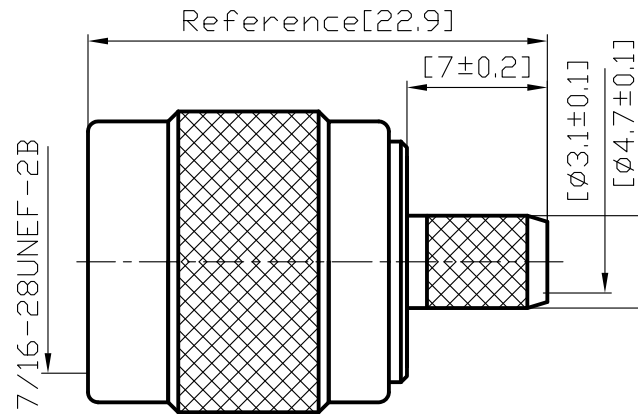
4.Mechanical

Durability ≥500 Times

5.Working environment

Working Temperature -40~+85°C
Relative Moisture 90%~95% (Temperature: 40±2°C)

6.Connector conform to RoHs



Stripping Dimensions

Pin

Copper pipe

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UNLESS OTHERWISE SPECIFIED:		DRAWN	
TOLERANCES:		RESP ENG	
±.XX = ±.01		APPR.	
±.XXX = ±.005		APPR.	
±.XXXX = ±.0001			
±X.X* = ±*1.0			
CAD FEATURES ARE BASIC:		MATERIAL: SEE NOTES	
\sqrt{R} .005 A B C DIMENSIONS ARE IN MM INTERPRET GEOMETRIC TOLERANCING PER ANSI Y14.5 - 2009		FINISH: SEE NOTES	
3RD ANGLE PROJECTION		SIZE	CAGE CODE
		B	8J168

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TITLE:
TNC MALE FOR RG142

DWG. NO. 554292
REV **1**

DO NOT SCALE DRAWING SCALE: 1:5 SHEET 1 OF 1