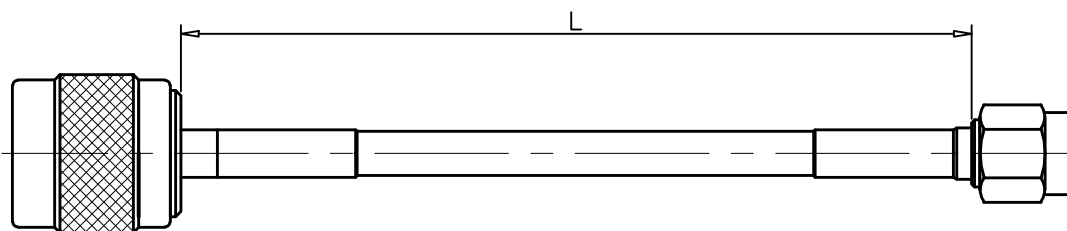


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RevNo	Revision note			Date	Signature	Checked	
00	Sketch Only			7/9/14	Teresa	Simon	



Interface of SMA connector Per: MIL-STD-348, IEC 60169-15
Interface of TNC connector Per: MIL-C-39012, IEC 60169-17

Material & Finishing:

SMA:

1. Center condutor: Brass Copper, Gold Plating
2. Insulators: PTFE
3. Spring Washer: Beryllium Copper
4. Body : Brass, Gold Plating
5. Coumping Nut: Brass, Gold

TNC:

1. Center condutor: Phosphor Bronze, Gold Plating
2. Insulators: PTFE
3. Gasket: Silicone Rubber
4. Body : Brass, Nickel Plating
5. Coupling Nut: Brass, Nickel Plating
6. Snap Ring: Phosphor Bronze

Cable:

1. Center Conductor: Silver Plated Copper Clad Steel
2. Insulator: PTFE
3. Outer Conductor: Tin Soaked Copper Braid
4. Jacket: FEP

Heat Shrink Tube: Polyolefine

Electrical Data:

1. Impedance: 50 Ohms
2. Frequency Range: DC to 6.0 GHz
3. Insulation Resistance: 1000 Megohms
4. Dielectric Withstanding Voltage: 750 V Min.
5. VSWR: ≤ 1.25
6. Insertion Loss: $\leq 1.1\text{dB}/\text{M} + 0.2\text{dB}$

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

KERUI ELECTRONIC CO;LTD

Title

RPTNC female to SMA male
solder with .141 semi-flex cable

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ALL TOLERANCES ARE:
DECIMALS FRACTIONS ANGLES
 $x \pm 1.0$ $\pm 1/64$ $x' \pm 1'$
 $x.x \pm 0.5$ $x'x' \pm 0.5$
 $x.xx \pm 0.1$

Drawn by
Teresa

Ckd by
Simon

Appd by
Richard

Date
7/9/2014

Scale
1.5:1

Sheet 1 of 1

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