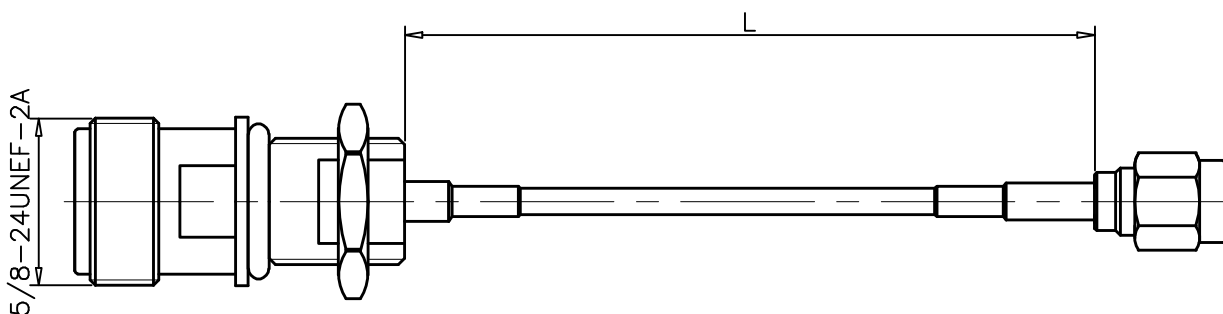


| 1     |               | 2 |  | 3      |           | 4       |  |
|-------|---------------|---|--|--------|-----------|---------|--|
| RevNo | Revision note |   |  | Date   | Signature | Checked |  |
| 00    | Sketch Only   |   |  | 7/3/14 | Teresa    | Simon   |  |



Interface of N connector Per: MIL-C-39012, IEC 60169-16  
Material & Finishing:

N:

1. Center condutor: Phosphor Bronze, Gold Plating
2. Insulators: PTFE
3. Body & Other Metal: Brass, Nickel Plating
4. Gasket: Silicone Ribber
5. Crimp Ferrule :Brass, Nickel Plating

SMA:

1. Center condutor: Brass ,Gold Plating
2. Insulators: PTFE
3. Body & Other Meterial: Brass, Gold Plating
4. C-Ring: Beryllium
5. Crimp Ferrule: Brass, Nickel Plating
6. Gasket: Silicone Ribber

Cable:

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

Heat Shrink Tube: Polyolefine

Electrical Data:

1. Impedance: 50 Ohms
2. Frequency Range: DC to 3.0 GHz
3. Insulation Resistance: 1000 Megohms
4. Dielectric Withstanding Voltage: 750 V Min.
5. VSWR:  $\leq 1.3$
6. Insertion Loss:  $\leq 1.6\text{dB/M} + 0.2\text{dB}$

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

KERUI ELECTRONIC CO;LTD

Title

N female bulkhead mounted to  
SMA male crimp with RG316 cable

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UNLESS OTHERWISE NOTED  
ALL SURFACES FINISHED TO 64/MAX.  
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  
7/3/2014

Scale  
1.5:1

Sheet 1 of 1

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