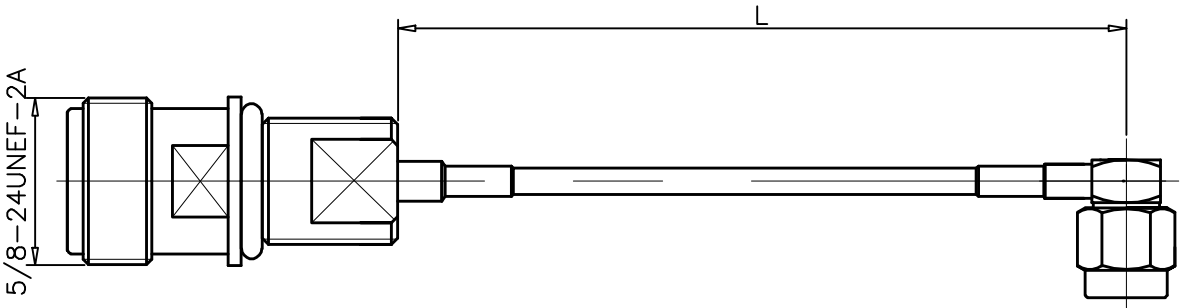
RevNo	Revision note	Date	Signature	Checked
00	Sketch Only	7/8/14	Teresa	Simon



Interface of N connector Per: MIL-C-39012, IEC 60169-16
Interface of SMA connector Per: MIL-STD-348, IEC 60169-15
Material & Finishing:
N:
1. Center condutor: Phosphor Bronze, Gold Plating
2. Insulators: PTFE
3. Body & Other Metal: Brass, Nickel Plating
4. Gasket: Silicone Ribber
SMA:
1. Center condutor: Brass ,Gold Plating
2. Insulators: PTFE
3. Body: Brass, Gold Plating
4. Coumping Nut: Brass, Gold Plating
5. Gasket: Silicone Ribber
6. Crimp ferrule: Brass ,Nickel Plating
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: ≤1.8dB/M+0.2dB

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

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UNLESS OTHERWISE NOTED
ALL SURFACES FINISHED TO 64/ MAX.

ALL TOLERANCES ARE:

DECIMALS	FRACTIONS	ANGLES
x ± 1.0	±1/64	x° ± 1°
x.x ± 0.5		x°x' ± 0.5'
x.xx ± 0.1		

Title
N female bulkhead mounted to SMA right angle male solder with .085 cable

Drawn by	Ckd by	Appd by	Date
Teresa	Simon	Richard	7/8/2014

Scale	Sheet	
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