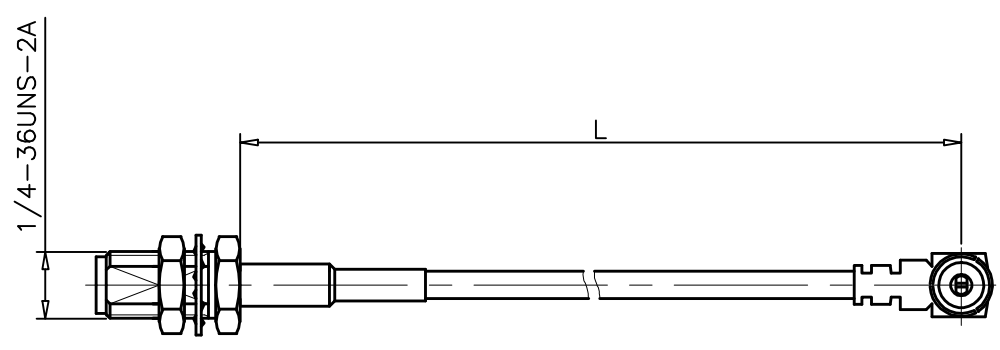


1	2	3	4	
RevNo	Revision note	Date	Signature	Checked
00	Sketch Only	6/12/14	Teresa	Simon



Interface of SMA connector Per: MIL-STD-348, IEC 60169-15
 Material & Finishing:

SMA:

1. Center conductor: Beryllium Copper, Gold Plating
2. Insulators: PTFE
3. Spring Washer: Beryllium Copper, Gold Plating
4. Body & Other Metal: Brass, Gold Plating

IPX:

1. Center conductor: Phosphor Bronze ,Gold Plating
2. Insulators: PTFE
3. Body: Phosphor Bronze, Gold Plating

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: ≤ 1.3
6. Insertion Loss: $\leq 2.6\text{dB}/\text{M} + 0.2\text{dB}$

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

KERUI ELECTRONIC CO;LTD

Title
 SMA female bulkhead mounted to
 IPX R/A female crimp with RG178 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 7/2/2014
Scale 1.5:1	Sheet 1 of 1	C102012 14 11 01	