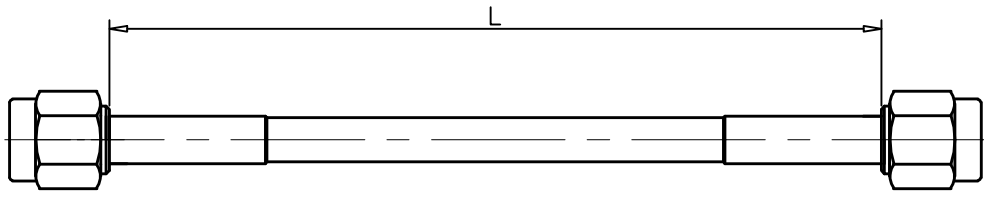


1	2	3	4	
RevNo	Revision note	Date	Signature	Checked
00	Sketch Only	7/14/14	Teresa	Simon



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

SMA:

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

Cable:

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

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:  $\leq 1.25$
6. Insertion Loss:  $\leq 1.7\text{dB/M} + 0.2\text{dB}$

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

KERUI ELECTRONIC CO;LTD

Title

SMA male to SMA male  
solder for .141 semi-flex 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  
7/14/2014

Scale  
1.5:1

Sheet 1 of 1

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