



## Specifications

### SMA-R right angle PCB

SMA-KWE-1 (HH660263) RF Coaxial Connector

(Total: 2 pages)

#### Summary:

SMA-KWE-1 RF Connector is in accordance with IEC60169-15

Male interface screw thread : 1/4-36UNS-2A

#### Electrical Characteristics:

Impedance( $\Omega$ )		50 $\Omega$
Frequency Range		0~3 GHz
Insertion Loss		$\leq 0.15\text{dB}$
Insulation Resistance		$\geq 5000\text{M}\Omega$
Contact Resistance	Inner conductor	$\leq 3\text{ m}\Omega$
	Outer conductor	$\leq 2.5\text{ m}\Omega$
Withstanding Voltage AC(V/min)		1000V
VSWR		$\leq 1.2$

Note: When results tested by different testing instruments are different, the Agilent calibration devise should be adopted as criterion.

#### Mechanical

Center Conductor Withdrawal Force	$\geq 0.28\text{N}$
Durability	500 Times

#### Working environment:



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<b>Working Temperature</b>	<b>-40~+85°C</b>
<b>Relative Moisture</b>	<b>90%~95% ( Temperature: 40±2°C )</b>
<b>Water-proof</b>	<b>IP 67</b>

### Material and plating:

<b>Name of part</b>	<b>Material</b>	<b>Plating</b>	<b>Thickness of plating</b>
<b>Outer contact</b>	<b>Brass (HPb59-1)</b>	<b>Gold plated</b>	<b>≥0.1μ</b>
<b>Center contact</b>	<b>Beryllium copper</b>	<b>Gold plated</b>	<b>≥0.1μ</b>
<b>Gasket</b>	<b>Rubber</b>		
<b>Insulator</b>	<b>PTFE</b>		

**Note:** The thickness of plating can be regulated according to client's requirements.

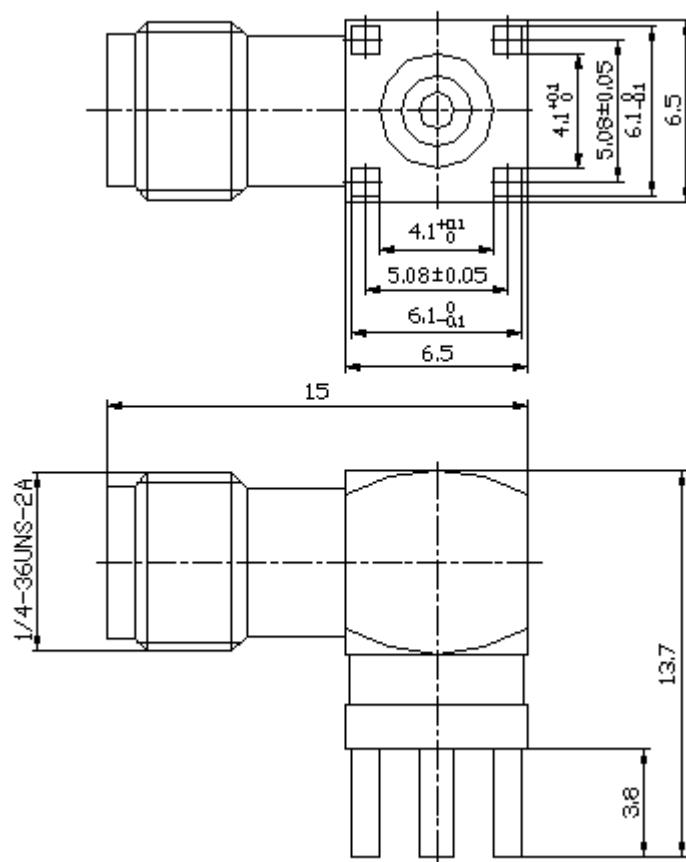
### Overall dimensions :



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#### Other info.:

Weight		
Packing Size	Middle Scale	
	Large Scale	