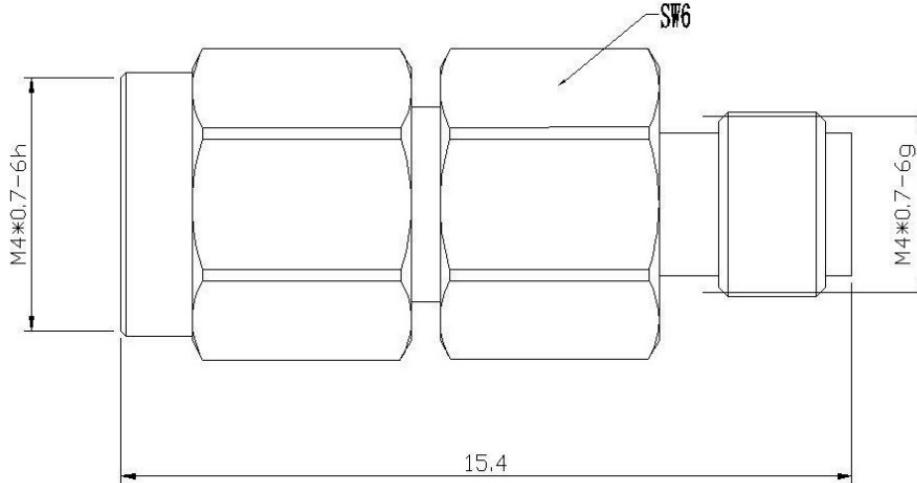




## 1.0mm Coaxial Fixed Attenuator, R1101-XX DC-110GHz, 1W, 3-20dB, Bidirectional, Round

### Dimensions(mm) Tolerance±1%



Typical Value
RFTOP P/N
R1101-3
R1101-6
R1101-10
R1101-20

### Electrical & Environmental

<b>Frequency Range</b>	DC-110GHz	<b>Impedance</b>	50 ohm	<b>VSWR</b>	1.6 max
<b>Input Avg Power</b>	1W @25°C	<b>Peak Power</b>	5W (5μsec pulse width, 10% duty cycle)		
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C	<b>Attenuation</b>	3-20dB, Customizable		
<b>Direction</b>	Bidirectional, 1.0mm male to 1.0mm female				

### Mechanical & Product Information

<b>Product Number</b>	R1101-XX, Professional	<b>Connector</b>	1.0mm
<b>Connector Body</b>	Passivated stainless steel	<b>Heat Sink</b>	N/A
<b>Center Contact</b>	1.27um Gold plated brass, 1.27um Gold plated beryllium copper		
<b>Operating Temp</b>	-55°C~+125°C	<b>Net Weight</b>	About 5.0g

### Attenuation&Accuracy(DC-110GHz)

Attenuation(dB)	3	6	10	20
Accuracy(dB)	-1.0/+2.0	-1.0/+2.0	-1.0/+2.0	-2.0/+1.0

### Notes

1. Refer to the derating curve for power input, derate linearly to 0.1 W at 100°C.
2. Customized dB values, outlines and optimal accuracy & VSWR available.

