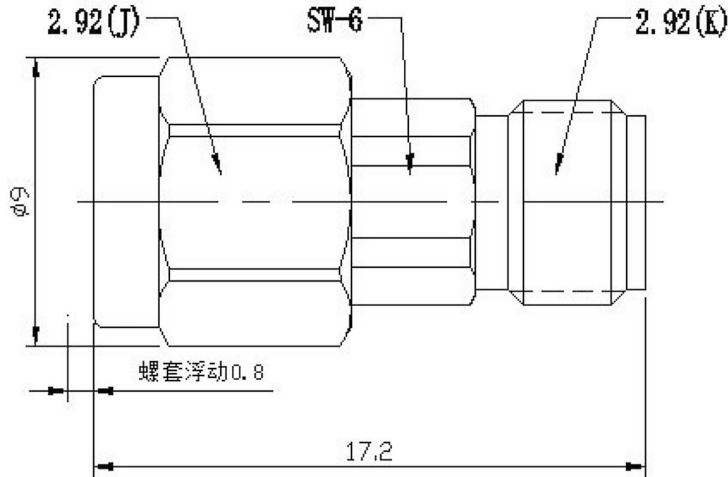




2.92mm(K,SK) Coaxial Fixed Attenuator, R402X-XX DC-40GHz, 2W, 1-30dB, Bidirectional, Round

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-40GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	2W @25°C
Peak Power	20W (5μsec pulse width, 1% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, 2.92mm male to 2.92mm female
Attenuation	1-30dB
Operating Temp	-55°C~+125°C

Product Selection, Customizable

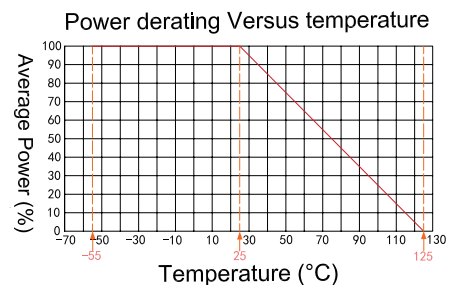
RFTOP P/N	ATTEN	Accuracy
R402X-3	3 dB	+0.8/-0.7 dB
R402X-6	6 dB	+0.8/-0.7 dB
R402X-10	10 dB	+0.8/-0.7 dB
R402X-15	15 dB	+1.0/-0.8 dB
R402X-20	20 dB	+1.0/-0.8 dB
R402X-30	30 dB	+1.0/-0.8 dB

Notes: Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 80°C. Reference Curve, derate linearly to 0.2W at 100°C.

Mechanical & Product Information

Product Number	R402X-XX
Product Type	Coaxial Fixed Attenuator, JP-Grade
Connector	2.92mm(K,SK) male, 2.92mm(K,SK) female
Connector Body	Passivated stainless steel
Center Contact	1.27um Gold plated brass / beryllium copper
Heat Sink	N/A
Net Weight	About 3.5g

1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.





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Typical Test Data

