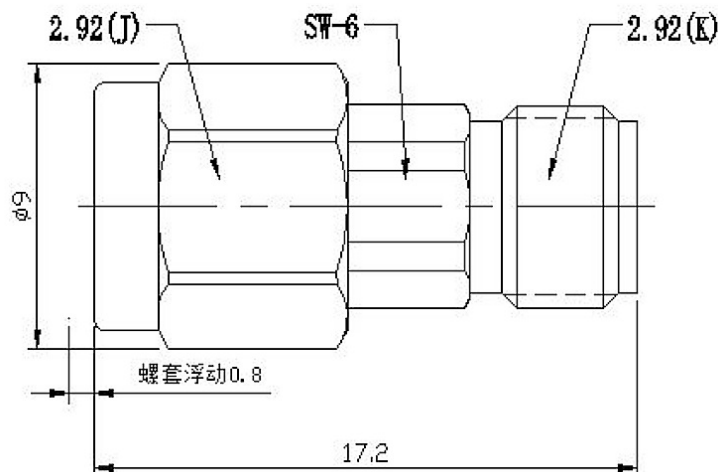


2.92mm(K,SK) Low-temp Coaxial Fixed Attenuator, RLT402X-XX DC-40GHz, 2W, 1-30dB, Bidirectional, Round

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

Frequency Range	DC-40GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	2W @25°C
Peak Power	20W (5μsec pulse width, 0.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, 2.92mm male to 2.92mm female
Attenuation	1-30dB
Operating Temp	-260°C~+125°C

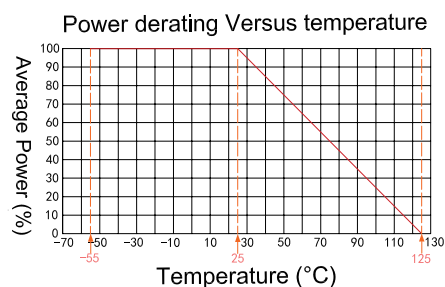
Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
RLT402X-3	3 dB	+0.8/-0.7 dB
RLT402X-5	5 dB	+0.8/-0.7 dB
RLT402X-6	6 dB	+0.8/-0.7 dB
RLT402X-10	10 dB	+0.8/-0.7 dB
RLT402X-15	15 dB	+1.0/-0.8 dB
RLT402X-20	20 dB	+1.0/-0.8 dB
RLT402X-25	25 dB	+1.0/-0.8 dB
RLT402X-30	30 dB	+1.0/-0.8 dB

Mechanical & Product Information

Product Number	RLT402X-XX
Product Type	Low-temp Coaxial Fixed Attenuator, P-Grade, Non-Magnetic
Connector	2.92mm(K,SK) male, 2.92mm(K,SK) female
Connector Body	Gold plated beryllium copper
Center Contact	1.27μm Gold plated brass / beryllium copper
Heat Sink	N/A

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 60°C. Reference Curve, derate linearly to 0.2W at 100°C.



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