



# 00800A1K01A-XX

## Attenuator

### 18GHz SMA 2W Fixed Attenuator

#### Features

- ✔ Small Size
- ✔ Low VSWR

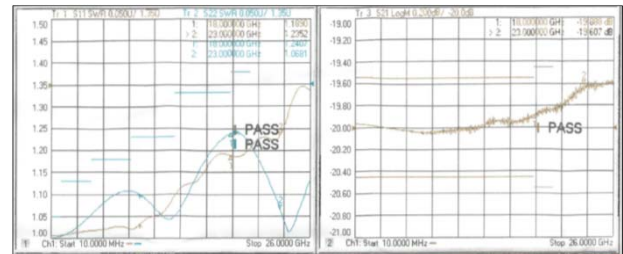


#### Electrical Specifications

Frequency	DC-18GHz
Standard Values	1,2,3,5,6,8,9,10,12,15,20,30dB
Attenuation Accuracy	1,2,3,5,6 dB : $\pm 0.3\text{dB}$
	8,9,10,20dB : $\pm 0.5\text{dB}$
	15dB : $\pm 0.55\text{dB}$
	12,30dB : $\pm 0.75\text{dB}$
VSWR	1.05:1 (Max.) @ 30MHz
	1.15:1 (Max.) @ DC-4GHz
	1.20:1 (Max.) @ 4-8GHz
	1.25:1 (Max.) @ 8-12.4GHz
Average Power	2W @ 25°C (Derated Linearly to 0.5Watts @ 125°C)
Peak Power	250W (5 $\mu\text{sec}$ Pulse, 0.05% Duty Cycle)
Impedance	50Ohm
Connection 1	SMA Male
Connection 2	SMA Female

#### Test Report

20dB



#### Mechanical

Durability	500 Cycles
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#### Environmental

Operating Temperature	-40°C~125°C
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#### Material

Part	Material	Plated
Connector	Stainless Steel	

#### Outling Drawing (Unit:mm[inch])

