RADIALL® Microwave components	TECHNICAL DATA SHEET	R413835000

2 W DC- 18 GHz SMA COAXIAL ATTENUATOR

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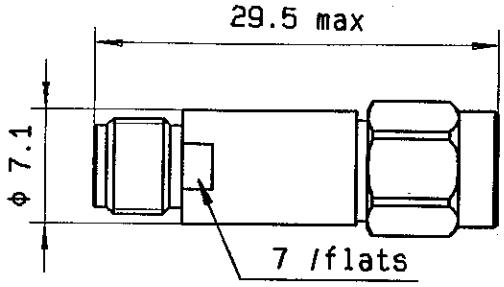
DRAWING



General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE : DC - 18 GHz
IMPEDANCE : 50 Ohms
ATTENUATION - NOMINAL : 35 dB

FREQUENCY	DC- 2 GHz	2 - 4 GHz	4 - 8 GHz	8 -12.4GHz	12.4- 18 GHz
V.S.W.R	<= 1.10	<= 1.15	<= 1.20	<= 1.25	<= 1.35
DEVIATION (dB)	+1.0 /-1.0	+1.0 /-1.0	+1.0 /-1.0	+1.0 /-1.0	+1.0 /-1.0

TEMPERATURE SENSITIVITY : $4 * \frac{10^{-4}\ dB}{dB * {}^{\circ}C}$

PEAK POWER at 25°C (1µs,1%.) : 100 W
AVERAGE POWER at 25°C : 2 W

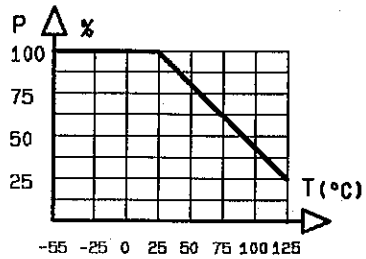
MECHANICAL CHARACTERISTICS

CONNECTORS : SMA male/female per MIL-C 39012
WEIGHT : < 10 g

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -55 , +125
STORAGE TEMPERATURE RANGE (°C) : -55 , +125

Power derating
Versus temperature



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This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary