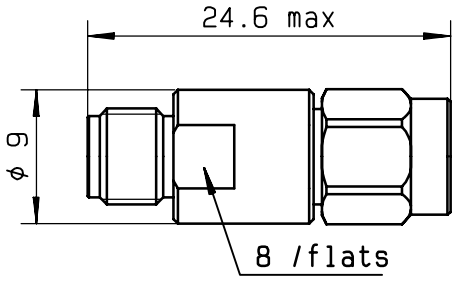
RADIALL® Microwave components	TECHNICAL DATA SHEET	R411825000

2 W DC- 15 GHz SMA COAXIAL ATTENUATOR

issue 28.jul.93 | Page 1/1

DRAWING



General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE : DC - 15 GHz
IMPEDANCE : 50 Ohms
ATTENUATION - NOMINAL : 25 dB

FREQUENCY	DC- 4 GHz	4 - 8 GHz	8 -12.4GHz	12.4- 15 GHz
V.S.W.R	<= 1.20	<= 1.25	<= 1.30	<= 1.50
DEVIATION (dB)	+0.6 /-0.6	+0.7 /-0.6	+1.0 /-0.6	+1.4 /-0.6

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

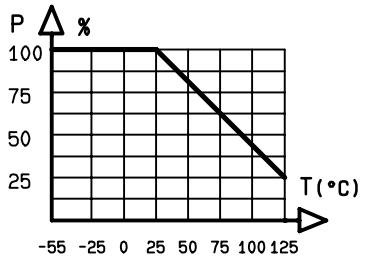
MECHANICAL CHARACTERISTICS

CONNECTORS : SMA male/female per MIL-C 39012
WEIGHT : < 7 g

ENVIRONMENTAL CHARACTERISTICS

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

Power derating
Versus temperature



QUALITY Dpt app.____			
CREATION PEN : CAT EP : -------- Nom : KL Date:18.dec.87	28.jul.93	New format	HS
	01.oct.90	New format	KL
	ISSUE	REVISIONS	NAME

RADIALL®
101. Philibert Hoffmann - Z.I Ouest - 93116 ROSNY/BOIS Cedex-FRANCE
Phone:33.1.49353535
Fax :33.1.48546363
Twx RADIA 235220F

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