

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



RADIALL®
Microwave components

TECHNICAL DATA SHEET

R414713161

2 W

DC- 18 GHz

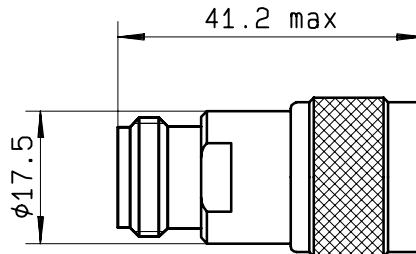
N

COAXIAL ATTENUATOR

issue
11.may.98

Page
1 / 1

DRAWING



General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE : DC - 18 GHz
 IMPEDANCE : 50 Ohms
 ATTENUATION - NOMINAL : 13 dB

| | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|
| FREQUENCY | DC- 4 GHz | 4 - 8 GHz | 8 -12.4GHz | 12.4- 18 GHz |
| V.S.W.R | <= 1.15 | <= 1.20 | <= 1.25 | <= 1.35 |
| DEVIATION (dB) | + 0.50 / - 0.50 | + 0.50 / - 0.50 | + 0.50 / - 0.50 | + 0.50 / - 0.50 |

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

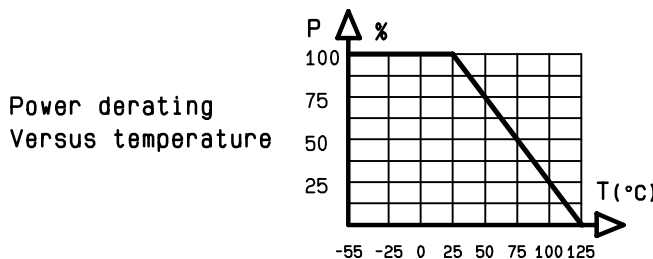
PEAK POWER at 25°C (1µs,1%.) : 100 W
 AVERAGE POWER at 25°C : 2 W

MECHANICAL CHARACTERISTICS

CONNECTORS : N male/female per MIL-C 39012
 WEIGHT : < 60 g

ENVIRONMENTAL CHARACTERISTICS

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



CREATION

N° :
 PEN/EP:CAT
 Name:SR
 Date:11.may.98
 APP.:VE

ISSUE

REVISIONS

NAME

APPR.

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