



RADIAL®
Microwave components

TECHNICAL DATA SHEET

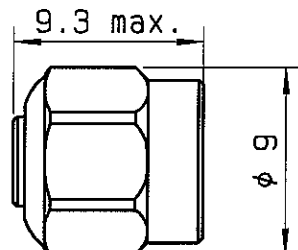
R404101019

TITLE: 1 W 4GHz SMA/m COAXIAL TERMINATION C500

issue
18.feb.05

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DRAWING



NOTA: The coupling nut is in stainless steel gold plated.

OPTION W
(Conditionnement unitaire)
(Single Packaging)

General tolerances: +/- 0.5 mm

ELECTRICAL CHARACTERISTICS

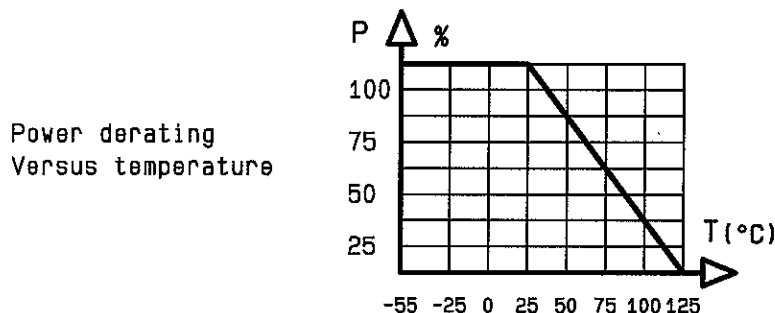
FREQUENCY RANGE	: DC - 4GHz
IMPEDANCE	: 50 Ohms
DC RESISTANCE	: 50 Ohms ± 5%
AVERAGE POWER HANDLING	: 1 W at 25°C
PEAK POWER HANDLING	: 100W (1 µs, 1%.) at 25°C
V.S.W.R : DC - 1 GHz	: <=1.08
1 - 4 GHz	: <=1.20

MECHANICAL CHARACTERISTICS

CONNECTOR	: SMA male
MAXIMUM WEIGHT	: 3 grams
MAXI COUPLING TORQUE	: 60 cm/N
CONNECTS OR DISCONNECTS	: 100 Maxi

ENVIRONMENTAL CHARACTERISTICS

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



MATERIALS AND FINISHES

BODY	: BRASS Ni 2 to 3 Au 0.5 µm
COUPLING NUT	: BRASS Ni2 Au0.8
INNER CONTACT	: BRASS Ni 1.5 to 2 AU 0.5 to 1 µm
INSULATOR	: PTFE

CREATION N° : PEN/EP:CAT Name:PG Date:20.nov.92 APP.:	18/07/03	Frequency range 2.5 GHz --> 4 GHz	AF	FG
	08.apr.02	Added PACKAGING	JA C	V P
	18.dec.01	Add Materials and Finishes. Delete marking	AF	FG
	22.may.00	Change drawing	MG	AF
	05.Aug.97	Change marking, Deletion of the label	MG	VE
	ISSUE	REVISIONS	NAME	APPR.

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