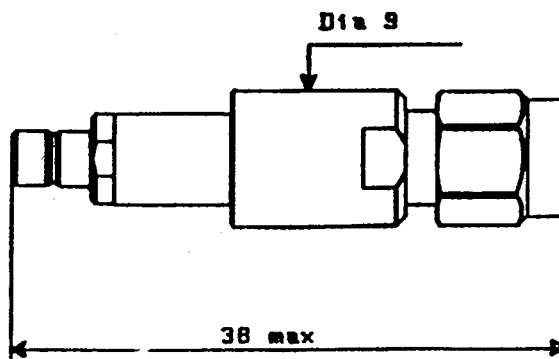




WIDE BAND COAXIAL DETECTOR

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DRAWING

SMB male
VIDEO OUTPUTSMA male
RF INPUT

General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE	: 1 - 18 GHz
IMPEDANCE	: 50 Ohms
V.S.W.R (Typical)	: <= 4
LOW LEVEL SENSITIVITY (Input Power <-20dBm)	: 1500 mV/mW
FREQUENCY RESPONSE	: ± 2dB
AVERAGE POWER	: 200 mW at 25°C
PEAK POWER	: 2 W (10 ns, 1 ms)
OUTPUT POLARITY	: positive
FILTERING CAPACITY (typical)	: 20 pF
TANGENTIAL SENSITIVITY (min)	: -50 dBm
DIODE	: "zero bias" Schottky

MECHANICAL CHARACTERISTICS

INPUT CONNECTOR	: SMA male	per MIL-C 39012
VIDEO OUTPUT CONNECTOR	: SMB male	per MIL-C 39012
WEIGHT	: < 11 g	

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	(°C)	: -25 , +70
STORAGE TEMPERATURE RANGE	(°C)	: -40 , +85

CREATION

N° :
PEN/EP:CAT
Name:MG
Date:30.Nov.98
APP.:AF

ISSUE

REVISIONS

NAME

APPR.

RADIAL[®]101. rue P. Hoffmann - Z.I Ouest -
93116 ROSNY/BOIS Cedex-FRANCE
Phone: 33(1)49353535
Fax : 33(1)48546363
Tvx RADIA 235220F

Mouser Electronics

Authorized Distributor

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