

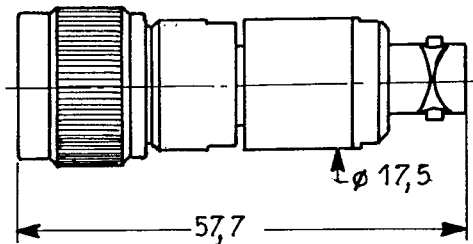


WIDE BAND COAXIAL DETECTOR

Issue
31. aug. 94

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DRAWING



General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE	:	0.01-12.4GHz
IMPEDANCE	:	50 Ohms
V.S.W.R	0.01- 8 GHz	: <= 1.35
	0.01-12.4GHz	: <= 1.50
FREQUENCY RESPONSE	0.01- 8 GHz	: ± 0.2 dB/octave
	0.01-12.4GHz	: ± 0.5 dB
SENSITIVITY:		
LOW LEVEL (Input power<-20 dBm)	:	>=500 mV/mW
HIGH LEVEL (Input power=0.35 mW)	:	>=100 mV
POLARITY	:	negative
TANGENTIAL SENSITIVITY	:	>= -44 dBm
SQUARE LOW RESPONSE LIMIT	:	-12 dBm
VIDEO IMPEDANCE	:	1 KOhm typical
FILTERING CAPACITY	:	20 pF typical
AVERAGE POWER	:	200 mW
DIODE	:	schottky "zero bias"
DETECTOR MODULE P/N	:	R451950000

MECHANICAL CHARACTERISTICS

INPUT CONNECTOR	:	N male	per MIL-C 39012
VIDEO OUTPUT CONNECTOR	:	BNC female	per MIL-C 39012
WEIGHT	:	< 120 g	

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	(°C)	:	-25	,	+70
STORAGE TEMPERATURE RANGE	(°C)	:	-65	,	+125

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 4412-9242

CREATION					
N° :					
PEN/EP:CAT					
Name:PG					
Date:31. aug. 94					
APP.:VE					
ISSUE		REVISIONS		NAME	APPR.

RADIALL®

101. rue P. Hoffmann -Z.I Ouest-
93116 ROSNY/BOIS Cadex-FRANCE
Phone:33(1)49353535
Fax :33(1)48546363
Tlx RADIA 235220F