

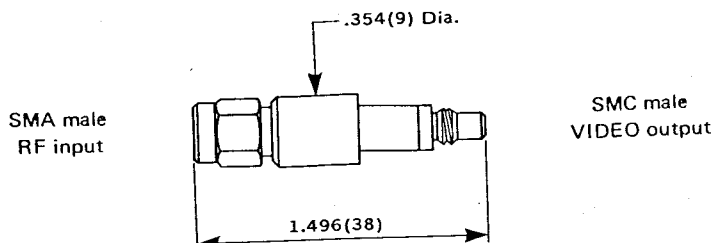


WIDE BAND COAXIAL DETECTOR

issue
09. Apr. 99

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DRAWING



General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE	:	0.01- 18 GHz
IMPEDANCE	:	50 Ohms
V.S.W.R	0.01- 8 GHz	: <= 1.35
	8-18 GHz	: <= 1.50
FREQUENCY RESPONSE	0.01- 8 GHz	: ± 0.2 dB/octave
	0.01-12.4GHz	: ± 0.5 dB
	0.01-18 GHz	: ± 1 dB
SENSITIVITY	:	
	Low level (input power <-20dBm)	: > 500 mV/mW
	High level (input power =0.35 mW)	: > 100mV
POLARITY	:	positive
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'

MECHANICAL CHARACTERISTICS

INPUT CONNECTOR	:	SMA male	per MIL-C 39012
VIDEO OUTPUT CONNECTOR	:	SMC male	per MIL-C 39012
WEIGHT	:	< 10 g	

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	(°C)	:	-65 , +120
STORAGE TEMPERATURE RANGE	(°C)	:	-65 , +125
TEMPERATURE RANGE over which performances are guaranteed	(°C)	:	-25 , +70
SHOCK	:	:	50 A Per NFC 20608 stringency
VIBRATION	:	:	2000/20 Per NFC 20616 stringency

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

CREATION				
N° :				
PEN/EP:				
Name: MG				
Date: 09. Apr. 99				
APP.: AF <i>af</i>				
ISSUE	REVISIONS	NAME	APPR.	

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