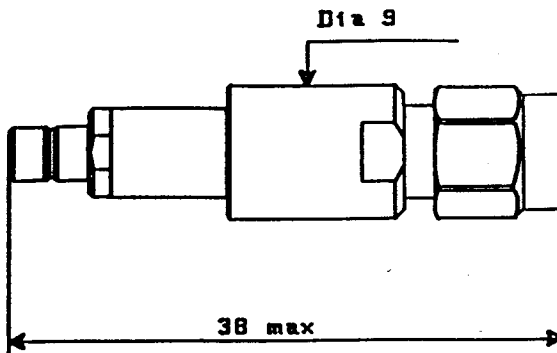




**WIDE BAND COAXIAL DETECTOR**

**DRAWING**

SMB male  
VIDEO OUTPUT



SMA male  
RF Input

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
	0.01-18 GHz	: <= 1.50
FREQUENCY RESPONSE	0.01- 8 GHz	: ± 0.2 dB/octave
	0.01-12.4GHz	: ± 0.4 dB
	0.01-18 GHz	: ± 1 dB
SENSITIVITY (P <sub>e</sub> = - 0.35 mW)	:	>= 100 mV
POLARITY	:	positive
TANGENTIAL SENSITIVITY	:	>= -44 dBm
SQUARE LOW RESPONSE LIMIT	:	-12 dBm
VIDEO IMPEDANCE	:	2 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	:	SMB male	per MIL-C 39012
WEIGHT	:	< 11 g	

**ENVIRONMENTAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE	(°C)	:	0	,	+50
STORAGE TEMPERATURE RANGE	(°C)	:	0	,	+50

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: 03 Oct. 96  
APP.: AP

ISSUE

REVISIONS

NAME

APPR.

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