

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

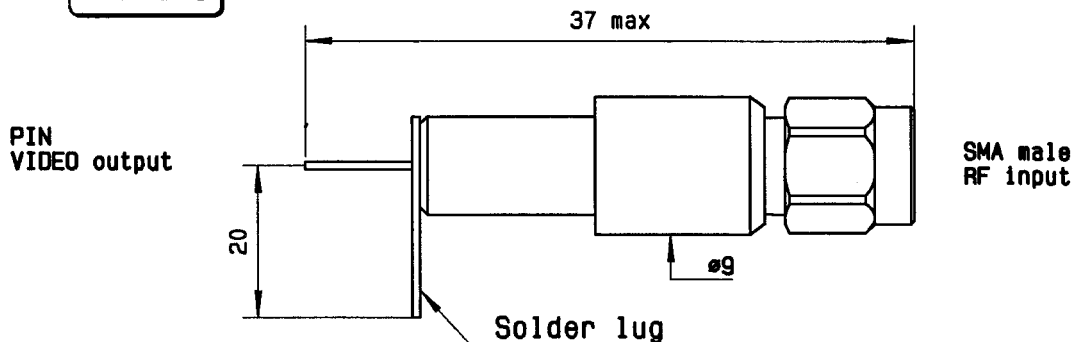


0.01 - 18 GHz COAXIAL DETECTOR

issue
07.Sep.99

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DRAWING



General tolerances: +/- 0.5 mm

R F CHARACTERISTICS

FREQUENCY RANGE	: 0.01- 18 GHz
IMPEDANCE	: 50 Ohms
POLARITY	: positive
V.S.W.R from 0.01 to 8 GHz	: <= 1.35
V.S.W.R from 8 GHz to 18 GHz	: <= 1.50
FREQUENCY RESPONSE	: ±0.2dB/octave up to 8 GHz
FREQUENCY RESPONSE	: ±0.5dB/octave up to 12.4 GHz
FREQUENCY RESPONSE	: ±1.0dB/octave up to 18 GHz
SENSITIVITY	
low level (Input power < -20dBm)	: > 500 mV / mW
high level (Input power = 0.35 mW)	: > 100 mV
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	: Pin and solder lug
WEIGHT	: < 10 g

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C)	: -25 , +70
STORAGE TEMPERATURE RANGE (°C)	: -65 , +125
VIBRATIONS (MIL Std 202)	: Method 204 C Condition D
SHOCKS (MIL Std 202)	: Method 213 Condition I

CREATION

N° :
PEN/EP:CAT
Name: MG
Date: 16. sep. 99
APP.: AF

ISSUE

REVISIONS

NAME

APPR.

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