



RADIALL[®]
MICRONDE département

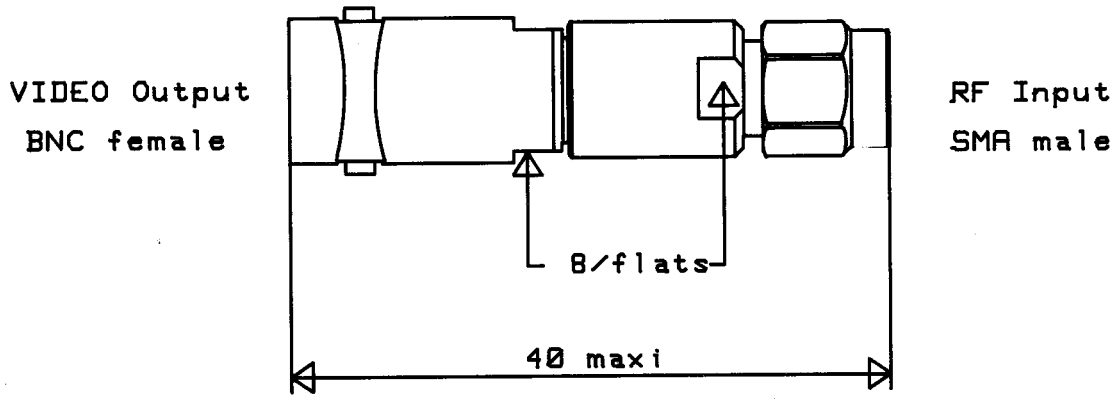
R 451 034 000

**TECHNICAL
DATA SHEET**

TITLE **HIGH SENSITIVITY COAXIAL DETECTOR**

LTR. **A**

DRAWING:



General tolerances: ± 0.5 mm

ELECTRICAL CHARACTERISTICS:

IMPEDANCE	:	50 Ω
FREQUENCY RANGE	:	1 - 18 GHz
V.S.W.R.	:	N / A
SENSITIVITY LOW LEVEL $P_{E} < -20$ dBm	:	1500 mV / mW
TANGENTIAL SENSITIVITY	:	- 50 dBm
FREQUENCY RESPONSE	:	± 2 dB
OUTPUT VIDEO IMPEDANCE (Typical)	:	800 Ω
VIDEO CAPACITY (Typical)	:	20 pF
MAXIMUM POWER (CW)	:	200 mW max.
POLARITY	:	Negative
DIODE	:	''ZERO BIAS'' SCHOTTKY

MECHANICAL CHARACTERISTICS:

CONNECTORS	RF INPUT	:	SMA m per MIL C 39012
	VIDEO OUTPUT	:	BNC f per MIL C 39012
WEIGHT	MAXIMUM	:	15 grams

ENVIRONMENTAL CHARACTERISTICS:

OPERATING TEMPERATURE RANGE	:	- 65°C + 120°C
STORAGE TEMPERATURE RANGE	:	- 65°C + 125°C
GUARANTEED PERFORMANCES	:	- 25°C + 70°C

Tentative data subject to change without notice.

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