

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

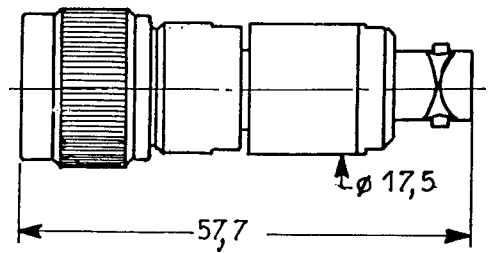


WIDE BAND COAXIAL DETECTOR

Issue
23.dec.94

Page
1 / 1

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 : 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"
 DETECTOR MODULE P/N : R451953000

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

CREATION					
N° :					
PEN/EP:CAT					
Name:PG					
Date:23.dec.94					
APP.:VE					
ISSUE		REVISIONS		NAME	APPR.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Radial:](#)

[R451574500](#)