

FACT SHEET DETECTOR

DESCRIPTION

() TUNNEL DIODE DETECTOR, () ZERO BIAS DETECTOR, () BIASABLE SCHOTTKY,
() DETECTOR / VIDEO AMPLIFIER, () THRESHOLD DETECTOR, () COUPLER / DETECTOR

Electrical

RF Input Frequency Range: _____ to _____ () GHz, () MHz
 Sensitivity: _____ mV / mW
 Voltage Output: _____ @ _____ dBm Input Power
 Output Voltage Polarity: () Negative or () Positive
 Video Load: _____ Ohms.
 Input Power (Operating): _____ dBm to _____ dBm
 Input Power (Maximum): _____ dBm CW
 Input Power (Maximum): _____ dBm Peak, _____ % Duty Cycle, _____ μsec P.W.
 Bias Current: _____ μA
 Input VSWR: _____ Max.
 Output VSWR (Coupler Detector): _____ Max
 Frequency Flatness: _____ dB
 Temperature Flatness: _____ dB
 Tangential Sensitivity: _____ dBm
 Define NF and Bandwidth of Amplifier: _____
 DC Supply Voltages (Detector / Video Amp): +_____ V @ _____ mA -_____ V @ _____ mA
 Video Gain: (Detector / Video Amp): _____ dB
 Insertion Loss (Coupler / Detector): _____ dB
 Coupling Value (Coupler / Detector): _____ dB
 Threshold Detection Level (Threshold Detector): _____ dBm

MECHANICAL

() Coaxial () Module Other Pkg. Size: _____ L, _____ W, _____ H

Standard Catalog Model No.: _____

ENVIRONMENTAL

Operating Temperature: _____ to _____ °C
 () Military () Airborne () Shipboard () Ground () Laboratory
 () Commercial
 Screening: () Table 8 of 883 () Modest () None

NAME: _____ **TITLE:** _____ **COMPANY:** _____
Phone: _____ **FAX:** _____ **QTY. Req.:** _____
Program: _____