



- NOTES:
1. MATERIAL: KOVAR PER MIL-I-23011, CLASS 1
 2. FINISH: GOLD PLATE PER MIL-G-45204, TYPE III



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

RF INPUT FREQUENCY (GHz):	2.0 TO 8.0 GHz
OPEN CIRCUIT SENSITIVITY:	2000 mV/mW MIN.
INPUT POWER RANGE:	TSS TO +5.0 dBm
OUTPUT VOLTAGE FLATNESS vs FREQUENCY:	±1.0 dB
TSS:	-51 dBm MIN.
NOMINAL VIDEO CAPACITANCE:	20 pF
MAX. CW RF INPUT:	+23 dBm
OPERATING TEMP. RANGE:	-55°C TO +125°C
STORAGE TEMP. RANGE:	-65°C TO +150°C

SPECIFICATION NOTES:

1. SENSITIVITY MEASURED AT -20dBm, 100uA BIAS, VIDEO LOAD = 30K OHMS
2. OUTPUT POLARITY IS NEGATIVE. FOR POSITIVE OUTPUT ADD "P" TO PART NUMBER.
3. TSS BASED ON 2 MHz VIDEO BANDWIDTH AND 2 dB AMPLIFIER NF.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FINISH: RMS63 ANGLES: ±1/2° FRACTIONS: ±1/64 3 PLACE DECIMALS: ± .005 2 PLACE DECIMALS: ± .01 1 PLACE DECIMALS: ± .1 FILLETS: .005R MAX REMOVE BURRS AND SHARP EDGES TO .005 MAX. R OR CHAMFER	DRAFT	R.A.J.	DATE	TITLE		
	CHKD		8/27/02	BIASED SCHOTTKY DETECTOR		
	PROD			SIZE	CAGE CODE	DWG NO
	ENGR	R.A.J.	8/27/02	A	1UJ73	OD930-D116
QA			SCALE	4:1		SHEET 1 OF 1