

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

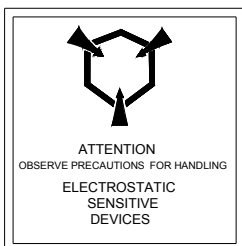
RF INPUT FREQUENCY (GHz):	8.0 TO 18.0 GHz
OPEN CIRCUIT SENSITIVITY:	1800 mV/mW MIN.
INPUT POWER RANGE:	TSS TO +5.0 dBm
OUTPUT VOLTAGE FLATNESS vs FREQUENCY:	±1.0 dB
TSS:	-51 dBm MIN.
NOMINAL VIDEO CAPACITANCE:	15 pF
MAX. CW RF INPUT:	+23 dBm
OPERATING TEMP. RANGE:	-55°C TO +125°C
STORAGE TEMP. RANGE:	-65°C TO +150°C

NOTES:

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

SPECIFICATION NOTES:

1. SENSITIVITY MEASURED AT -20dBm, 100uA BIAS, OHMS VIDEO LOAD = 30K OHMS
2. OUPUT 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	8/27/02
CHKD			
PROD			
ENGR	R.A.J.	DATE	8/27/02
QA			

TITLE			
BIASED SCHOTTKY DETECTOR			
SIZE	CAGE CODE	DWG NO	
A	1UJ73	OD930-D118	
SCALE	4:1		SHEET 1 OF 1