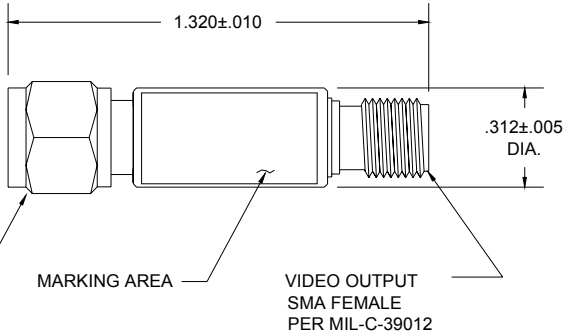


REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

RF INPUT FREQUENCY (GHz):	6.0 TO 18.0 GHz
OPEN CIRCUIT SENSITIVITY:	800 mV/mW MIN.
INPUT POWER RANGE:	TSS TO -5.0 dBM
OUTPUT VOLTAGE FLATNESS vs FREQUENCY:	±1.0 dB
RF INPUT VSWR:	2.5:1 MAX.
TSS:	-51 dBM MIN.
OUTPUT IMPEDANCE:	120 OHMS TYP.
NOMINAL VIDEO CAPACITANCE:	15 pF
MAX. CW RF INPUT:	+17 dBM
OPERATING TEMP. RANGE:	-55°C TO +100°C
STORAGE TEMP. RANGE:	-65°C TO +110°C



- NOTES:
- MATERIAL: BODY, CONNECTORS AND SLEEVE  
CRES PASSIVATED PER QQ-P-35.
  - MARKING: BLACK EPOXY INK

- SPECIFICATION NOTES:
- SENSITIVITY MEASURED AT -20dBm, LOAD = 30K OHMS
  - VSWR MEASURED AT -20dBm, LOAD = 100 OHMS
  - VIDEO IMPEDANCE MEASURED AT -20dBm
  - OUTPUT POLARITY IS NEGATIVE. FOR POSITIVE OUTPUT ADD "P" TO PART NUMBER.
  - 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			
TUNNEL DIODE DETECTOR			
SIZE	CAGE CODE	DWG NO	
A	1UJ73	OD930-D133	
SCALE	2:1	SHEET 1 OF 1	