

DESCRIPTION

THE MODEL DD-218-ZBS-N-SFF IS A HIGH SPEED, HIGH SENSITIVITY SCHOTTKY DIODE DETECTOR REQUIRING ZERO BIAS AND OFFERING EXCELLENT TEMPERATURE STABILITY. THE FREQUENCY RANGE IS 2.0 TO 18.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE:.....2.0 TO 18.0 GHz
- VSWR2.0:1 MAX (MEASURED @ -23 dBm)
- FREQUENCY FLATNESS ± 1.0 dB MAX,
- VOLTAGE SENSITIVITY.....500 mV/mW MIN
- TANGENTIAL SENSITIVITY.....-45 dBm (2 MHz VIDEO BANDWIDTH WITH 2 dB NOISE FIGURE VIDEO AMP)
- VIDEO CAPACITANCE12.0 pF
- OUTPUT VOLTAGENEGATIVE IS STANDARD
- MAX INPUT POWER100 mW
- VIDEO RESISTANCE2500 OHMS TYP.
- CONNECTORS.....SMA (M) INPUT & SMA (F) OUTPUT
- FINISHSTAINLESS STEEL
- SIZE1.314" X 0.375" DIA

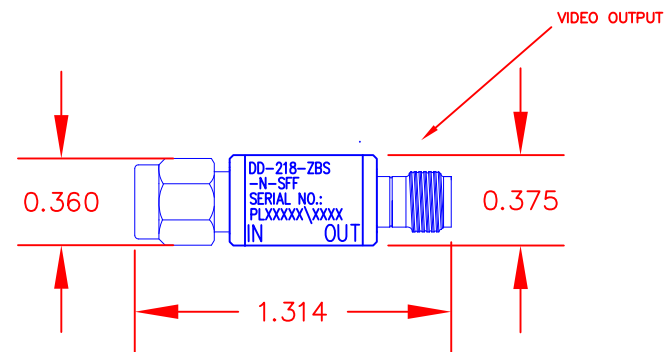
ENVIRONMENTAL RATINGS

- TEMPERATURE:**-40°C TO +55°C (OPERATING)
.....-54°C TO +85°C (STORAGE)
- SHOCK:**MIL-STD-810G
- VIBRATION:**MIL-STD-810G

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.02
X.XXX ± 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	10-13-15	JM



CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		JS		PRODUCT FEATURE			
CHECKED				DD-218-ZBS-N-SFF			
ISSUED				HIGH SPEED HIGH SENSITIVITY BIASED DIODE DETECTOR			
				SIZE	FSCM NO.	DWG NO.	REV.
				A	71A34	PRELIMINARY	-
				SCALE	N:S	SHEET	1 OF 1