

DESCRIPTION

PMI MODEL: DD-10M18G-ZBS-SMF-ROHS IS A ZERO BIAS SCHOTTKY DIODE DETECTOR OPERATING OVER THE 10 MHz TO 18.0 GHz FREQUENCY RANGE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/24/23	

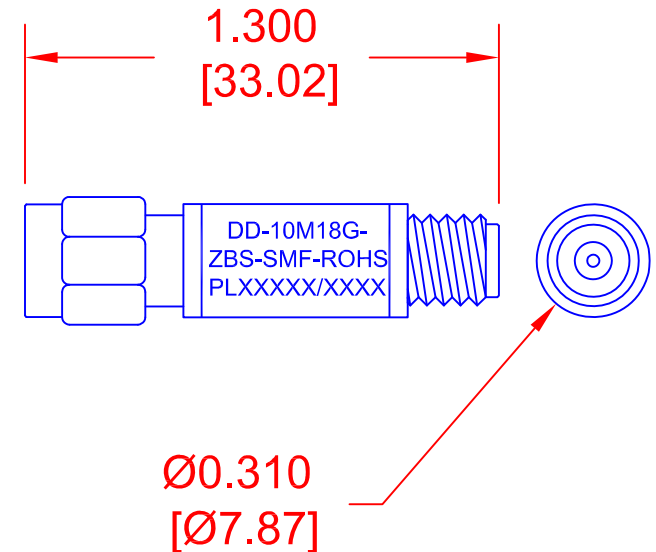
SPECIFICATIONS

- FREQUENCY RANGE: ----- 10 MHz to 18.0 GHz
- SENSITIVITY: ----- 0.5 ± 0.05 mV/ μ W TYP
- POLARITY: ----- NEGATIVE
- MAX INPUT POWER: ----- 100 mW
- VSWR: ----- 1.5:1 TYP, 2.0:1 MAX
- FREQUENCY FLATNESS: ----- ± 1.0 dB TYP
- CAPACITANCE: ----- 30 pf
- CONNECTORS IN/OUT: ----- SMA MALE/SMA FEMALE
- FINISH: ----- PAINTED BLUE

LABEL



MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -54 °C TO +110 °C (OPERATING)
-55 °C TO +100 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. G (50g, 11 ms)
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. D (20 g, 10 - 2000 MHz)
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	AF		2/24/23	PRODUCT FEATURE DD-10M18G-ZBS-SMF-ROHS	
REDRAWN				SIZE	FSCM NO.
ISSUED				A	05XQ0
				DWG NO.	PRELIMINARY
				SCALE	N:S
				SHEET	1 OF 1