

DESCRIPTION

PMI MODEL: DD-30M200M-700-SMF IS A LOW NOISE TUNNEL DIODE DETECTOR OPERATING OVER THE 30 MHz TO 200 MHz FREQUENCY RANGE. THIS MODEL OFFERS EXCELLENT TEMPERATURE STABILITY.

SPECIFICATIONS

- FREQUENCY RANGE: 30 TO 200 MHz
- VOLTAGE SENSITIVITY: 700 mV/mW MINIMUM
- OUTPUT POLARITY: NEGATIVE
- INPUT POWER: 50 mW CW MAXIMUM
- IMPEDANCE: 50 OHMS TYPICAL
- CONNECTORS: 2.92 mm MALE IN/ SMA FEMALE OUT AND COMPATIBLE WITH SMA
- SIZE: (L) 1.30" x Ø0.31"
(L) 33.02 mm x Ø7.87 mm
- FINISH: NICKEL

ENVIRONMENTAL RATINGS

- TEMPERATURE: -45 °C TO +85 °C (OPERATING)
-55 °C TO +95 °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

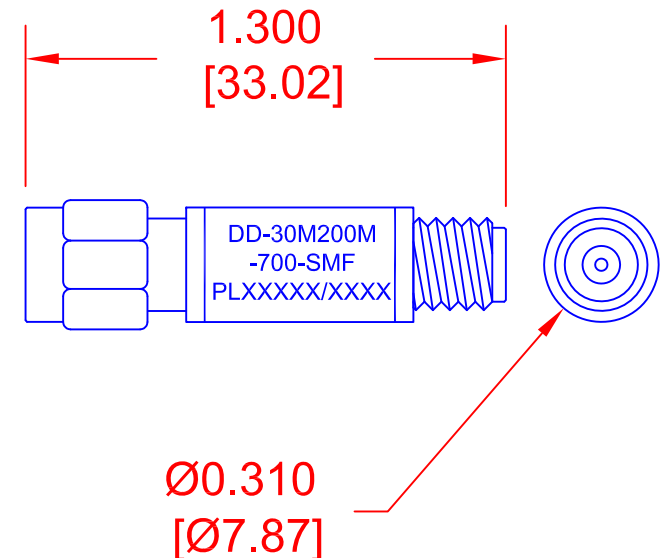
PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/25/19	

LABEL



MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE DD-30M200M-700-SMF			
APPROVALS	DATE				
DRAWN <i>SPH</i>	<i>12/19/18</i>				
REDRAWN <i>EW</i>	<i>2/25/19</i>	SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED		SCALE N:S		SHEET 1 OF 1	