

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

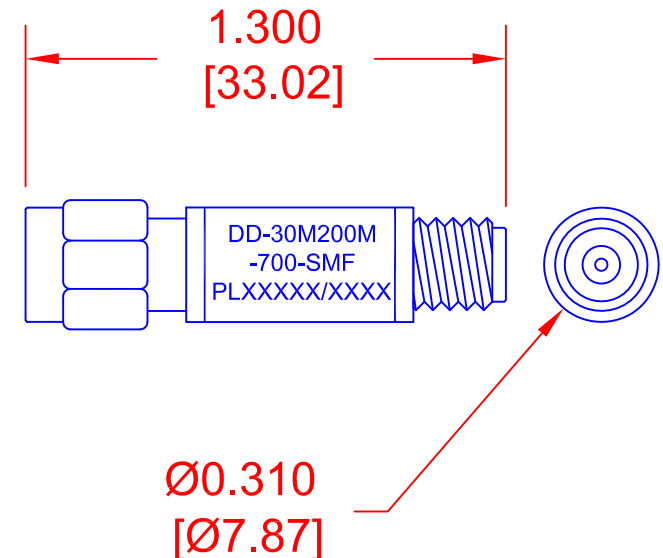
PMI CONFIDENTIAL AND PROPRIETARY

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

LABEL



MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

TEL: (301)-662-5019, FAX: (301)-662-1731

WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

ISO 9001 CERTIFIED



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