

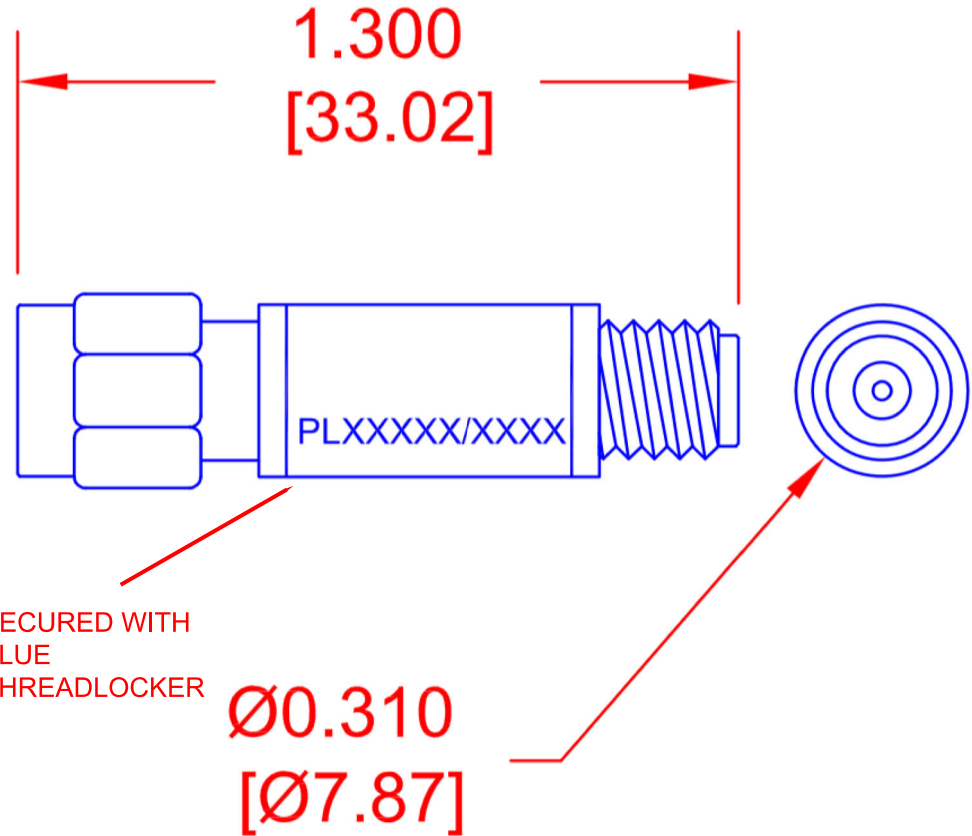
DESCRIPTION:

PMI MODEL NUMBER DD-10M12D4G-RAD-MF-ROHS IS A 10 MHz TO 12.4 GHz DIODE DETECTOR FEATURING 500 mV/mW SENSITIVITY, NEGATIVE POLARITY, AND A NOTABLY FLAT FREQUENCY RESPONSE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/15/26	

SPECIFICATIONS:

- FREQUENCY: 0.01 GHz TO 12.4 GHz
- VSWR: 1.4:1 TYP
1.6:1 MAX
- FREQUENCY FLATNESS: ±0.25 dB TYP
±0.3 dB MAX
- INPUT POWER: +20 dBm MAX
- SENSITIVITY: 500 mV/mW MIN
- POLARITY: NEGATIVE
- RF CONNECTORS (IN/OUT): 2.92 mm (MALE/FEMALE)
- FINISH: ALBALOY PLATED
- ROHS/REACH: COMPLIANT



ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -54°C TO +100°C (OPERATING)
-65°C TO +100°C (STORAGE)
- **HUMIDITY:** MIL-STD-202, METHOD 103 COND. B
- **SHOCK:** MIL-STD-202, METHOD 213 COND. B
- **VIBRATION:** MIL-STD-202, METHOD 204 COND. B
- **ALTITUDE:** MIL-STD-202, METHOD 105 COND. B
- **TEMPERATURE CYCLE:** MIL-STD-202, METHOD 107 COND. A

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



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 ±0.020
 X.XXX ±0.010
 WEIGHT: 2.75 oz.

APPROVALS		DATE	TITLE		
DRAWN AG		06/15/26	PRODUCT FEATURE		
CHECKED			DD-10M12D4G-RAD-MF-ROHS		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
SCALE N:S					REV. -
				SHEET	1 OF 1