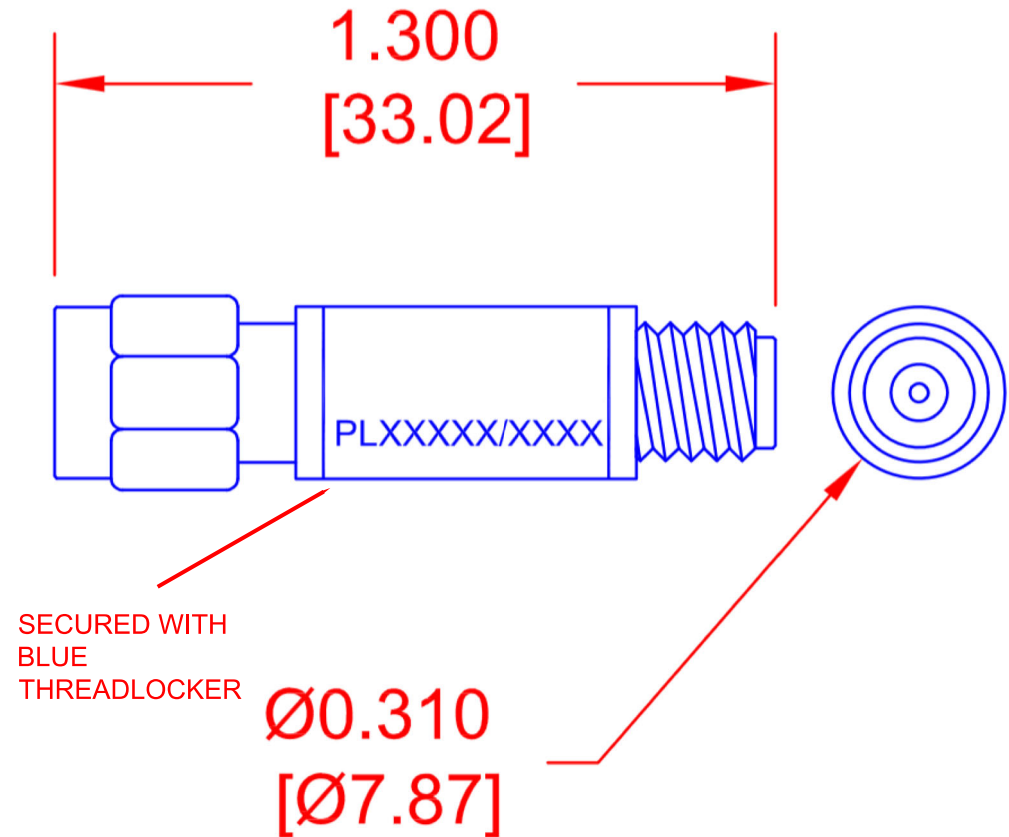


PMI MODEL NUMBER DD-10M18G-ZBS-MF-ROHS-RL IS A 10 MHz TO 18 GHz DIODE DETECTOR
FEATURING 500 mV/mW SENSITIVITY, NEGATIVE POLARITY, AND A NOTABLY FLAT
FREQUENCY RESPONSE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	08/19/26	

SPECIFICATIONS:

- FREQUENCY: 0.01 GHz TO 18 GHz
- VSWR: 1.4:1 TYP
1.6:1 MAX
- FREQUENCY FLATNESS: ± 1 dB TYP
- CAPACITANCE: 30 pF TYP
- 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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WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
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.

		TITLE PRODUCT FEATURE DD-10M18G-ZBS-MF-ROHS-RL				
APPROVALS	DATE					
DRAWN AG	08/19/26					
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV -	
ISSUED		SCALE N:S			SHEET 1 OF 1	