

DESCRIPTION:

PMI MODEL NUMBER DD-8G18G-N-RAD-MF-ROHS IS A 8 TO 18 GHz DIODE DETECTOR FEATURING 1600 mV/mW SENSITIVITY, 23 dBm POWER HANDLING, AND NEGATIVE OUTPUT POLARITY.

SPECIFICATIONS:

- FREQUENCY: 8 GHz TO 18 GHz
- VOLTAGE SENSITIVITY: 1600 mV/mW TYP
- FLATNESS: ±0.7 dB TYP
- INPUT POWER: +23 dBm MAX
- OUTPUT POLARITY: NEGATIVE
- RF CONNECTORS: 2.92 mm (MALE/FEMALE)
- FINISH: ALBALOY PLATED
- ROHS/REACH: COMPLIANT

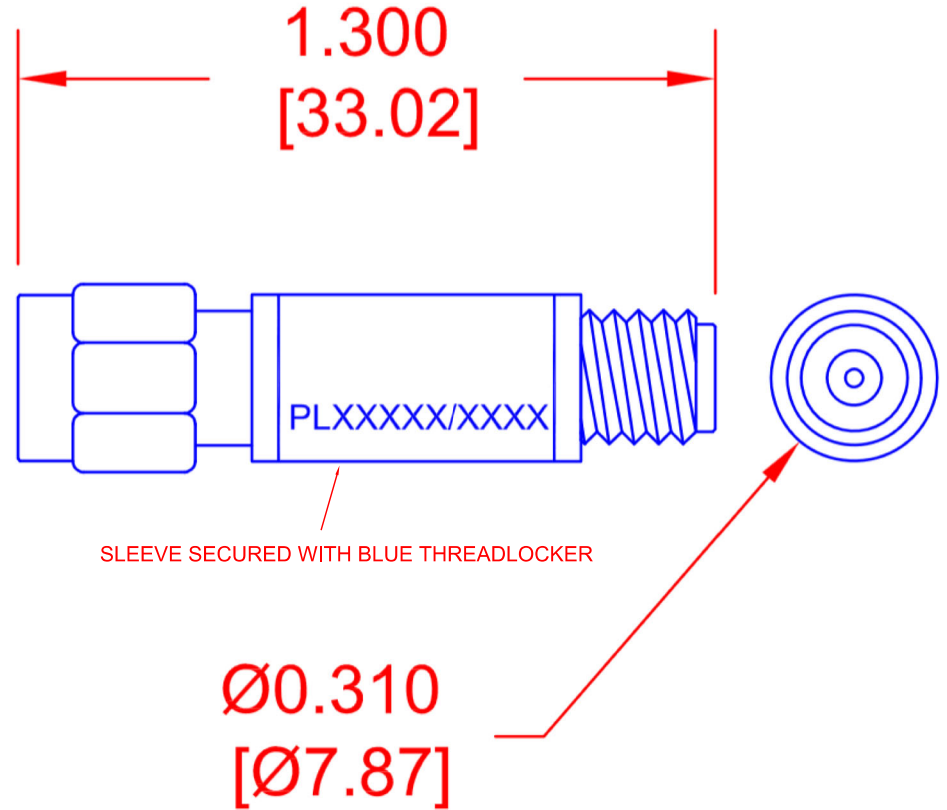
ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -55°C TO +125°C (OPERATING)
..... -65°C TO +150°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

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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/24/26	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN AG		06/24/26	PRODUCT FEATURE		
CHECKED			DD-8G18G-N-RAD-MF-ROHS		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
SCALE N:S				SHEET	1 OF 1