

DESCRIPTION:

PMI MODEL NUMBER DD-8G18G-N-RAD-MF 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

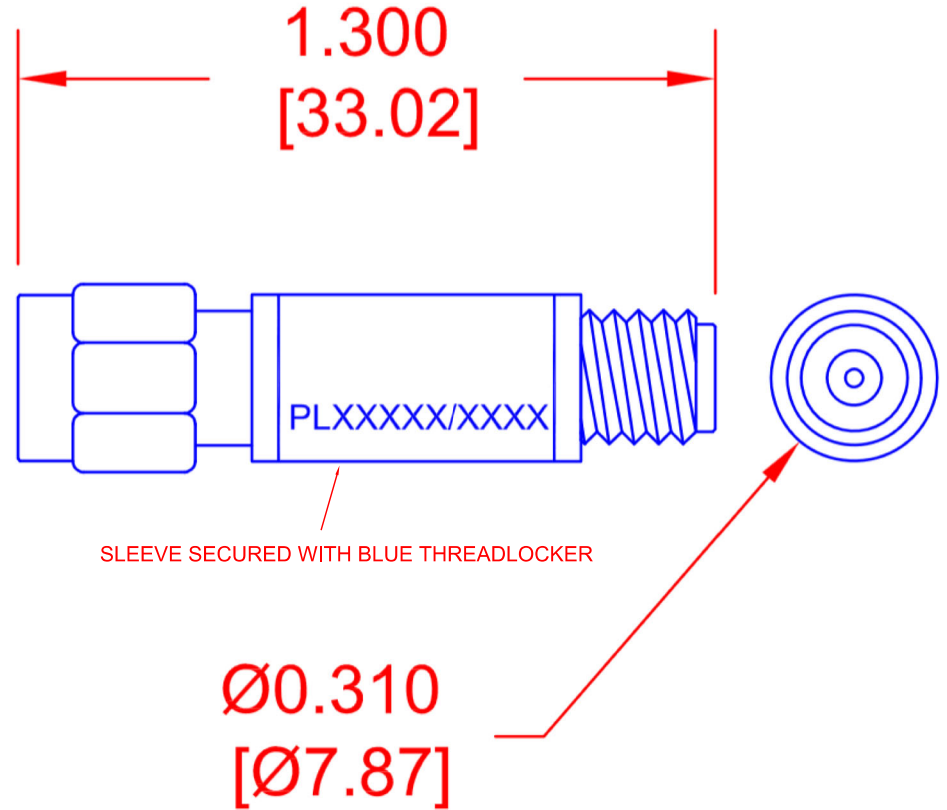
ENVIRONMENTAL RATINGS

- **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

PLANAR MONOLITHICS INDUSTRIES, INC.

7309-A GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



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