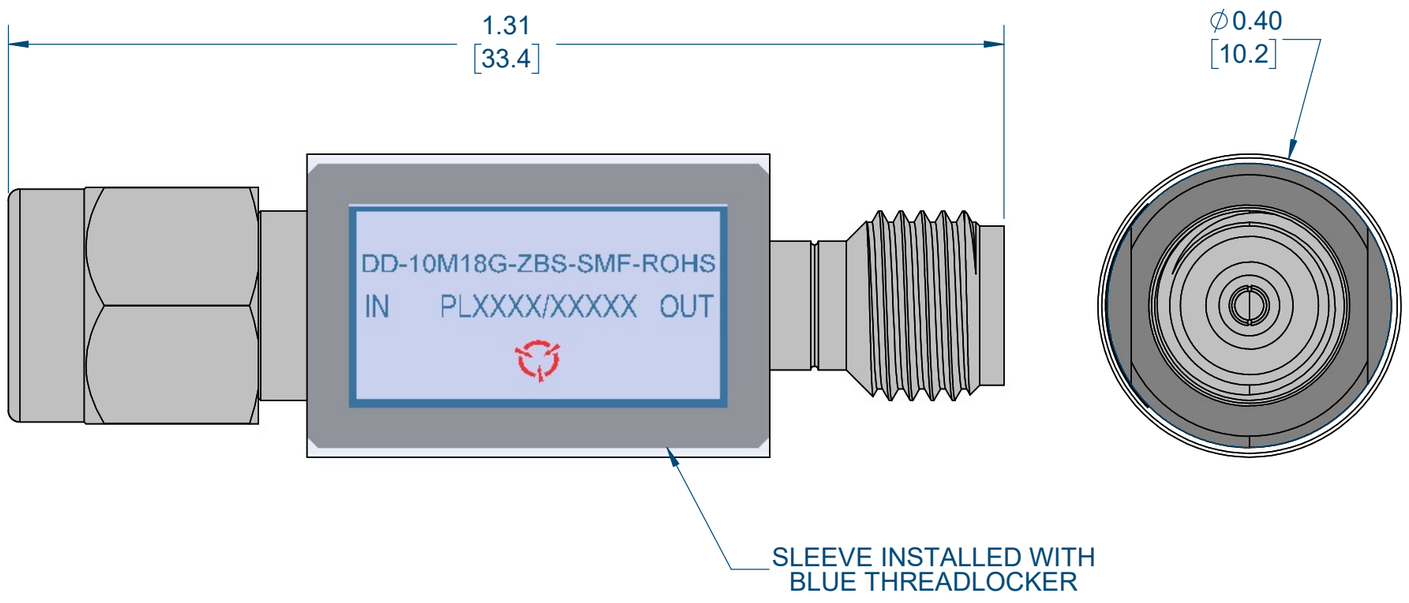
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	2/10/2025	
	A2	ECN # 26-0121	05/26/2026	
	A3	ECN # 26-0216	10/12/2026	

DESCRIPTION:

PMI MODEL NO: DD-10M18G-ZBS-SMF-ROHS IS A ZERO BIAS SCHOTTKY DIODE DETECTOR OPERTATING OVER THE 10 MHz TO 18 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY RANGE: ——— 10 MHz TO 18 GHz
- SENSITIVITY: ——— 0.5 ± 0.05 mV/µW TYP.
- POLARITY: ——— NEGATIVE
- MAX INPUT POWER: ——— 100 mW
- VSWR: ——— 1.5:1 TYP.
  2.0:1 MAX.
- FREQUENCY FLATNESS: ——— ±1.0 dB TYP.
- CAPACITANCE: ——— 30 pF
- CONNECTORS (IN/OUT): ——— 2.92mm MALE/2.92mm FEMALE
- FINISH: ——— ALBALOY



ENVIRONMENTAL RATINGS:

- TEMPERATURE: ——— -54°C TO +110°C (OPERATING)
  -55°C TO +125°C (STORAGE)
- HUMIDITY: ——— MIL-STD-202, METHOD 103 COND. B
- SHOCK: ——— MIL-STD-202, METHOD 213 COND. G (50g, 11 ms)
- VIBRATION: ——— MIL-STD-202, METHOD 204 COND. D (20g, 10-2000 MHz)
- ALTITUDE: ——— MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE: ——— MIL-STD-202, METHOD 107 COND. A

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± DECIMALS .XX ± 0.02 .XXX ± 0.01 ANGLES ±

APPROVALS	DATE
DRAWN D. HOSCHAR	2/10/2025
REDRAWN	
ISSUED	

Quantic PMI
PLANAR MONOLITHICS
7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA
TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM
ISO 9001 CERTIFIED

TITLE: OUTLINE
DD-10M18G-ZBS-SMF-ROHS

SIZE	FSCM NO.	DWG NO.	REV.
B	05XQ0	27051080	A3

SCALE 5:1 SHEET 1 OF 1