

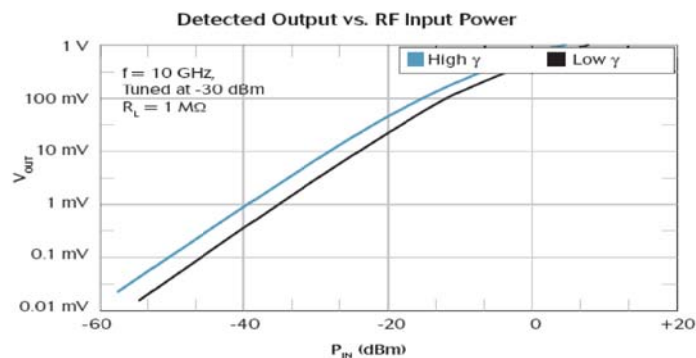
DESCRIPTION:

PMI MODEL NUMBER DD-1G40G-ZBS-SFF IS A ZERO-BIAS SCHOTTKY DETECTOR THAT OPERATES OVER THE 1.0 TO 40.0 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY: 1.0 GHz TO 40.0 GHz
- VSWR: 8.0:1 TYPICAL
- FLATNESS: ± 1.0 dB TYPICAL
- OUTPUT POLARITY: POSITIVE
- INPUT POWER: 100mW, DERATED TO ZERO AT $+150^{\circ}\text{C}$
- INPUT CONNECTOR: 2.92 mm K FEMALE
- OUTPUT CONNECTOR: SMA FEMALE
- SIZE: PE2 HOSUING
- FINISH: GOLD PLATED

- DETECTED OUTPUT: SEE BELOW (TYPICAL)

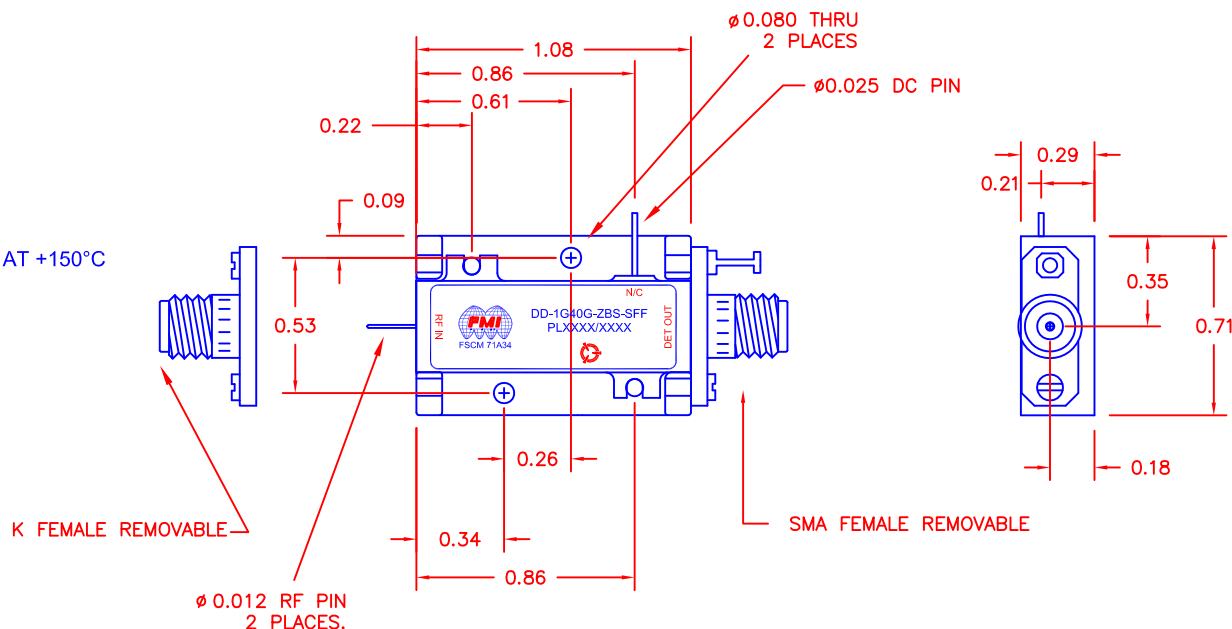


ENVIRONMENTAL RATINGS:

- TEMPERATURE: -45°C TO $+85^{\circ}\text{C}$ (OPERATING)
 -65°C TO $+125^{\circ}\text{C}$ (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	6-22-17	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN		6-22-17		PRODUCT FEATURE	
CHECKED				DD-1G40G-ZBS-SFF	
ISSUED				PRELIMINARY	
SIZE		FSCM NO.		DWG NO.	
A		71A34		1	
SCALE		N:S		SHEET	
				1 OF 1	

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.005