

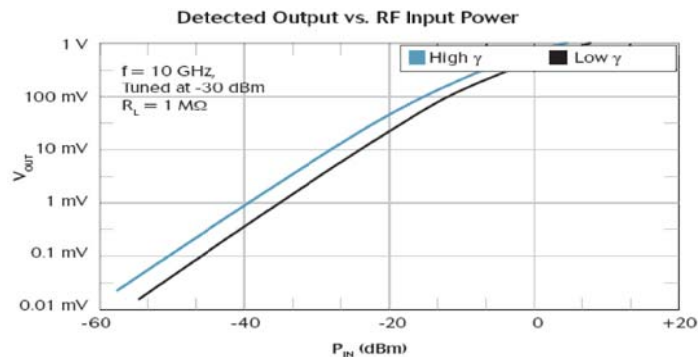
DESCRIPTION:

PMI MODEL NUMBER DD-1G18G-ZBS-SFF IS A ZERO-BIAS SCHOTTKY DETECTOR THAT OPERATES OVER THE 1.0 TO 18.0 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY: 1.0 GHz TO 18.0 GHz
- VSWR: 8.0:1 TYPICAL
- FLATNESS: +/-1.0dB TYPICAL
- OUTPUT POLARITY: POSITIVE
- INPUT POWER: 100mW, DERATED TO ZERO AT +150°C
- INPUT CONNECTOR: SMA FEMALE
- OUTPUT CONNECTOR: SMA FEMALE
- SIZE: PE2 HOSUING
- FINISH: GOLD PLATED

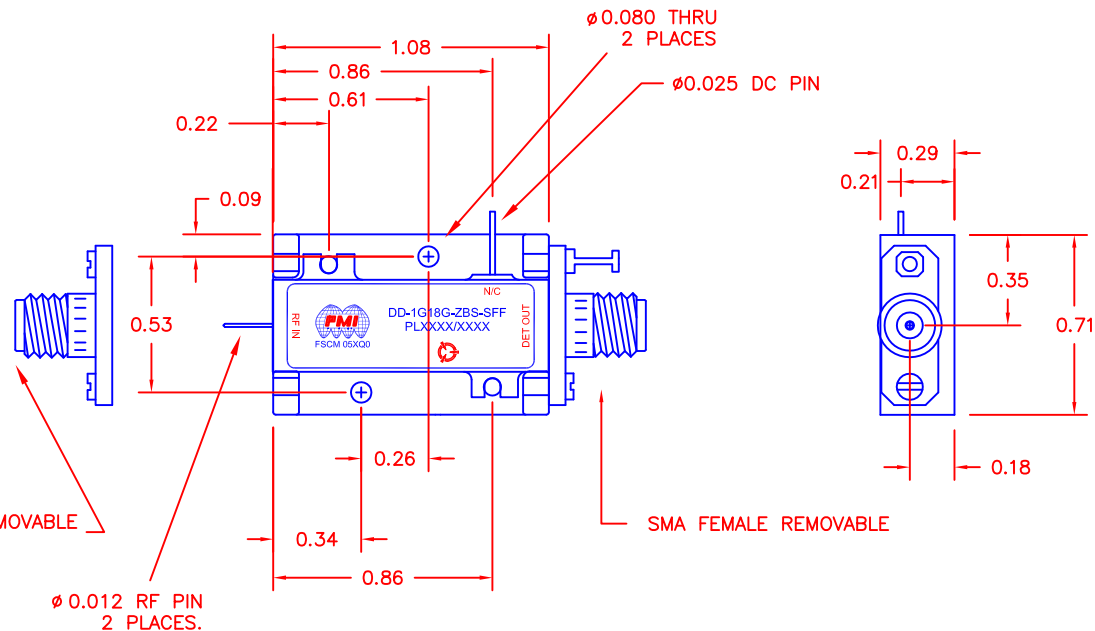
- DETECTED OUTPUT: SEE BELOW (TYPICAL)



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -45°C TO +85°C (OPERATING)
-65°C TO +125°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



PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F 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 <i>B. Thomas</i>		12/29/15		PRODUCT FEATURE DD-1G18G-ZBS-SFF	
CHECKED				SIZE A	FSCM NO. 05XQ0
ISSUED				OWG NO. 27029071	REV. A1
				SCALE N:S	SHEET 1 OF 1

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