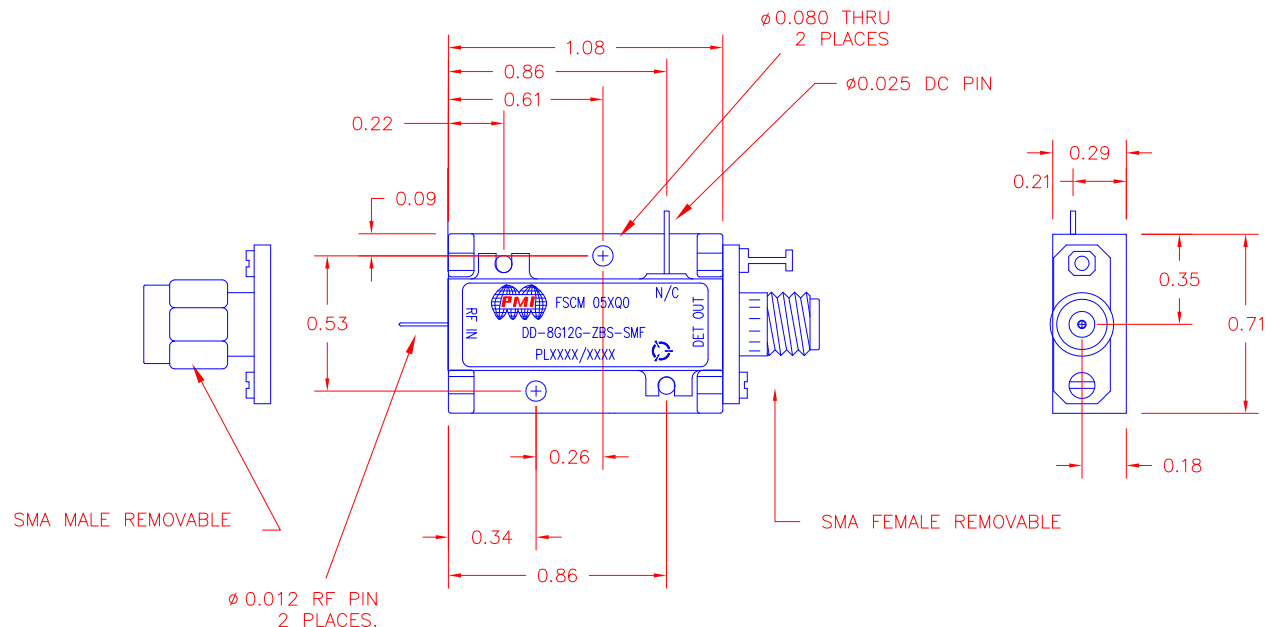


DESCRIPTION:

PMI MODEL NUMBER DD-8G12G-ZBS-SMF IS A ZERO-BIAS SCHOTTKY DETECTOR THAT OPERATES OVER THE 8.0 TO 12.0 GHz FREQUENCY RANGE.

SPECIFICATIONS:

- FREQUENCY: 8.0 GHz TO 12.0 GHz
- VSWR: 1.6:1 MAX.
- FLATNESS: +/-1.0dB TYPICAL
- OUTPUT POLARITY: POSITIVE
- INPUT POWER: +20 dBm
- SENSITIVITY: 400 mV/mW TYPICAL
- INPUT CONNECTOR: SMA MALE
- OUTPUT CONNECTOR: SMA FEMALE
- SIZE: PE2 HOUSING
- FINISH: GOLD PLATED



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +70°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: 95±4% FROM +30 TO +70°C
- SHOCK: HALF-SINE, 15G, 11ms, 3 SHOCKS PER AXIS
- VIBRATION: 0.2G²/Hz FROM 20 TO 350 Hz. -3 dB/OCTAVE TO 2KHz
- ALTITUDE: 17 km
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	9/11/15	JS

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 9001-2008 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		9/11/15		PRODUCT FEATURE	
CHECKED				DD-1G18G-ZBS-SMF	
ISSUED				PRELIMINARY	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0			
SCALE		N:S		SHEET	
				1 OF 1	