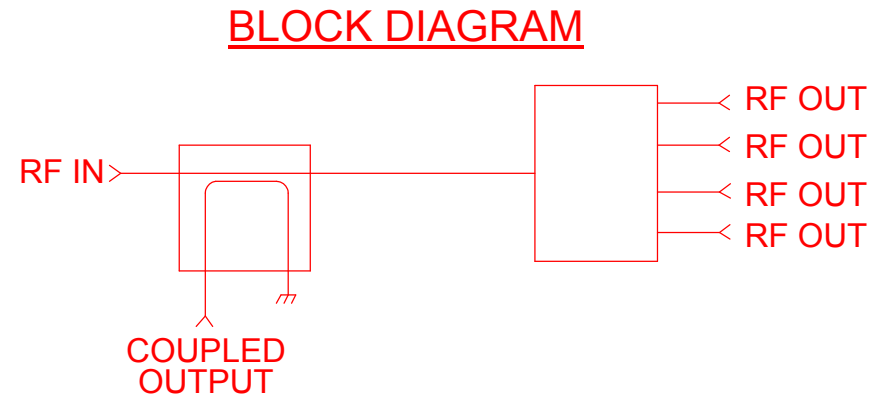


DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER PD5-1G18G-10DB-4WAY IS A 4 WAY POWER DIVIDER WITH A -10 dB PICK-OFF TEE OUTPUT.

SPECIFICATIONS:

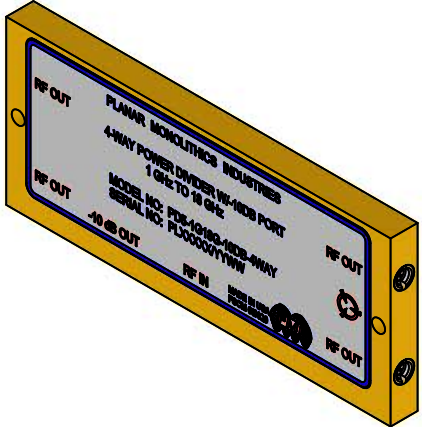
- FREQUENCY RF OUT:
 - FREQUENCY RANGE:..... 4.4 TO 18.0 GHz
 - INSERTION LOSS:..... 12 dB TYP
 - VSWR:..... 2:1 TYP
 - ISOLATION:..... 20 dB TYP
- FREQUENCY COUPLED OUTPUT:
 - FREQUENCY RANGE:..... 1 to 4.4 GHz
 - INSERTION LOSS:..... 10 dB +/- 2 dB
 - VSWR:..... 2:1 TYP
 - ISOLATION:..... 20 dB TYP
- INPUT VSWR:..... 2:1 MAX
- CONNECTORS:..... 5 SMPM MALE
- SIZE:..... 2.83" X 1.20" X 0.20"
- FINISH:..... GOLD PLATED



ENVIRONMENTAL RATINGS:

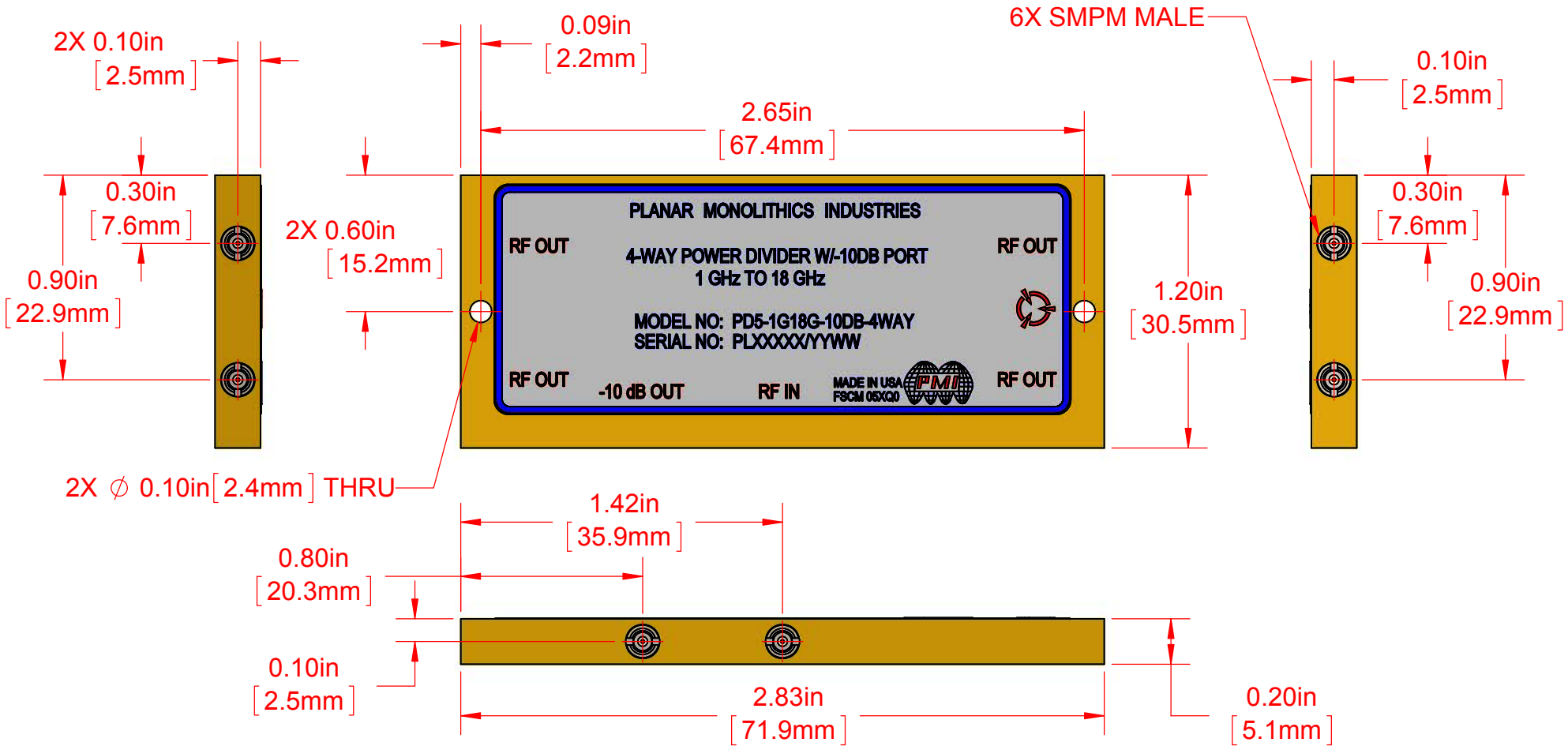
- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
..... -40°C TO +85°C (STORAGE)
- HUMIDITY:..... MIL-STD-810, 0 TO 95% NON-CONDENSING
- SHOCK:..... MIL-STD-810, 516.6 COMPLIANT, 20G, 11 ms DURATION
- VIBRATION:..... MIL-STD-810, METHOD 515, FIG. 3 (NON-OP)
- ALTITUDE:..... MIL-STD-810, 15000 FT

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



ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	2/1/2019	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		APPROVALS	DATE	PMI CONFIDENTIAL AND PROPRIETARY PLANAR MONOLITHICS INDUSTRIES, INC. 7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: (301)-662-5019, FAX: (301)-662-1731 WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com ISO 9001 CERTIFIED			
		DRAWN M. HANKEN	2/1/2019				
		REDRAWN		TITLE OUTLINE PD5-1G18G-10DB-4WAY			
		ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27035944	REV. A1
				SCALE 3:2			SHEET 1 OF 1