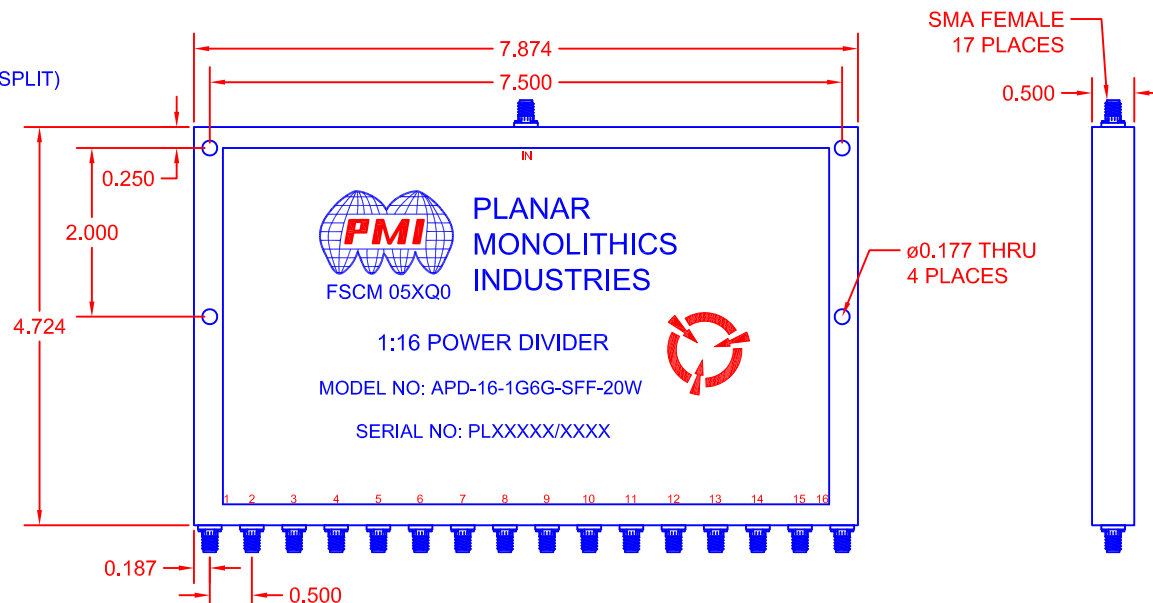


PMI MODEL NO. APD-16-1G6G-SFF-20W IS A 16-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 1.0 TO 6.0 GHz. IT HAS A MINIMUM ISOLATION OF 18 dB AND A MAXIMUM INSERTION LOSS OF 3.0 dB (ABOVE 12.04 dB SPLIT). THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/22/2019	

- FREQUENCY RANGE: ----- 1.0 TO 6.0 GHz
- INSERTION LOSS: ----- 3.0 dB MAX (ABOVE 12.04 dB SPLIT)
- VSWR INPUT: ----- 1.70:1 MAX
- VSWR OUTPUT: ----- 1.40:1 MAX
- ISOLATION: ----- 18 dB MIN
- AMPLITUDE BALANCE: ----- ± 1 dB MAX
- PHASE BALANCE: ----- $\pm 8^\circ$ MAX
- AMPLITUDE TRACKING: ----- ± 1 dB MAX
- PHASE TRACKING: ----- $\pm 8^\circ$ MAX
- POWER HANDLING: ----- FORWARD: 20 WATTS MAX
REVERSED: 1 WATT MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE



- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- UP TO 95%, NON-CONDENSING (OPERATING)
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY



		TITLE PRODUCT FEATURE APD-16-1G6G-SFF-20W				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>1/22/19</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REVISION -	
ISSUED		SCALE N:S		SHEET 1 OF 1		