

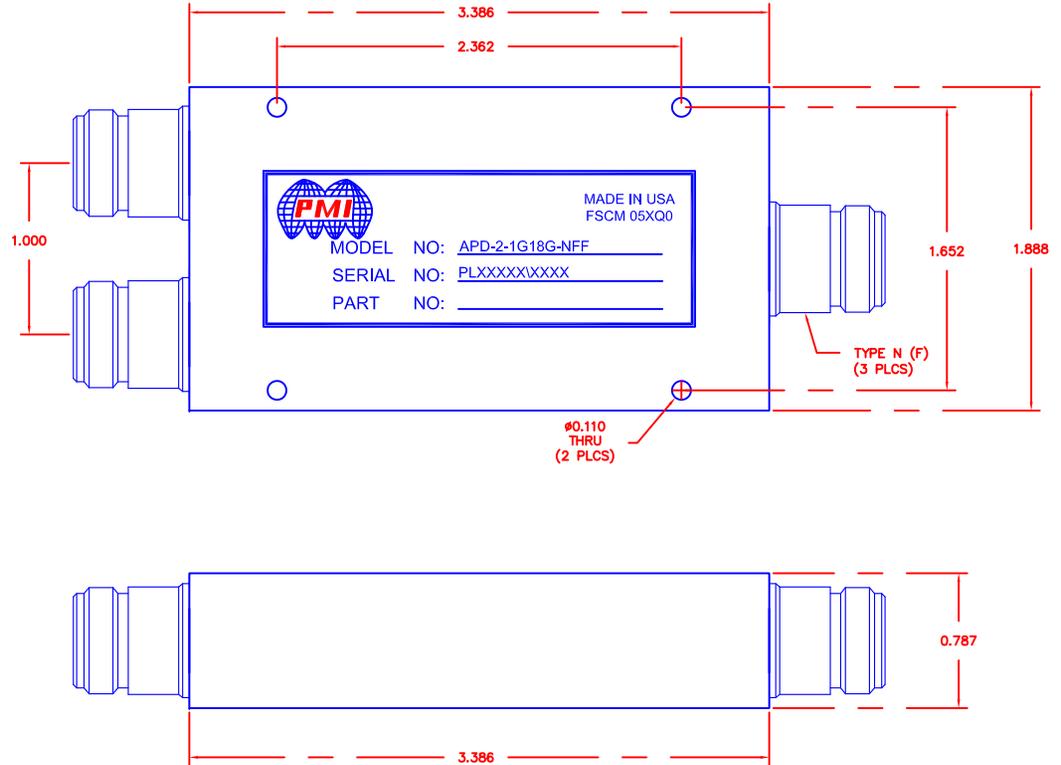
DESCRIPTION:

PMI MODEL NUMBER APD-2-1G18G-NFF IS A 2-WAY POWER DIVIDER OPERATING IN THE FREQUENCY RANGE 1.0GHz - 18.0 GHz. THIS POWER DIVIDER DEMONSTRATES LOW 1.5 dB INSERTION LOSS AS WELL AS GREATER THAN 15 dB ISOLATION.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	7-27-16	

SPECIFICATIONS:

- FREQUENCY: 1.0 to 18.0 GHz
- INSERTION LOSS: 1.5 dB max.
- ISOLATION: 15 dB min.
- VSWR: 1.35 : 1 max.
- AMPLITUDE BALANCE: ± 0.5 dB max.
- PHASE BALANCE: ± 5° max.
- POWER HANDLING: Forward 10 Watts max.
Reverse 0.5 Watts max.
- IMPEDENCE: 50 ohms
- CONNECTORS: (3) Type-N (F)
- SIZE: 3.386" X 1.770" X 0.200"
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°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

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

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APPROVALS		DATE	TITLE			
DRAWN <i>ANS</i>		7-27-16	PRODUCT FEATURE			
CHECKED			APD-2-1G18G-NFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	1
			SCALE	N:S	SHEET	1 OF 1