

DESCRIPTION:

PMI MODEL NUMBER APD-2-1G18G-SFF IS A 2-WAY POWER DIVIDER OPERATING IN THE FREQUENCY RANGE 1.0 - 18.0 GHz.

SPECIFICATIONS:

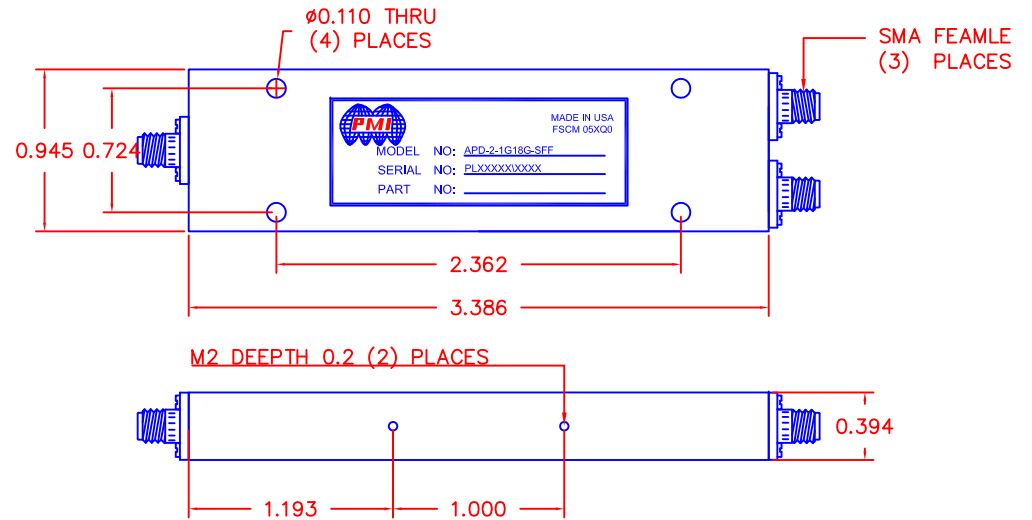
- FREQUENCY: 1.0 to 18.0 GHz
- INSERTION LOSS: 1.4 dB max. (Above 3.01 dB Split)
- ISOLATION: 18 dB min.
- VSWR: Input 1.40 : 1 max. Output 1.40:1 max
- AMPLITUDE BALANCE: ± 0.3 dB max.
- PHASE BALANCE: ± 5° max.
- POWER HANDLING: Forward 30 Watts max.
Reverse 2 Watts max.
- IMPEDENCE: 50 ohms
- CONNECTORS: (3) Type SMA (F)
- SIZE: 3.386" X 0.945" X 0.394"
- FINISH: PAINTED BLUE

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	5/19/23	



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>AF</i>		5/19/23	PRODUCT FEATURE	
CHECKED			APD-2-1G18G-SFF	
ISSUED			SIZE	FSCM NO.
			A	05XQ0
			DWG NO.	REV.
			PRELIMINARY	-
SCALE N:S			SHEET 1 OF 1	

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