

**DESCRIPTION:**

PMI MODEL NUMBER APD-2-0R9G6G-30W-SFF IS A 2-WAY POWER DIVIDER OPERATING IN THE FREQUENCY RANGE 0.9 to 6.0 GHz.

**SPECIFICATIONS:**

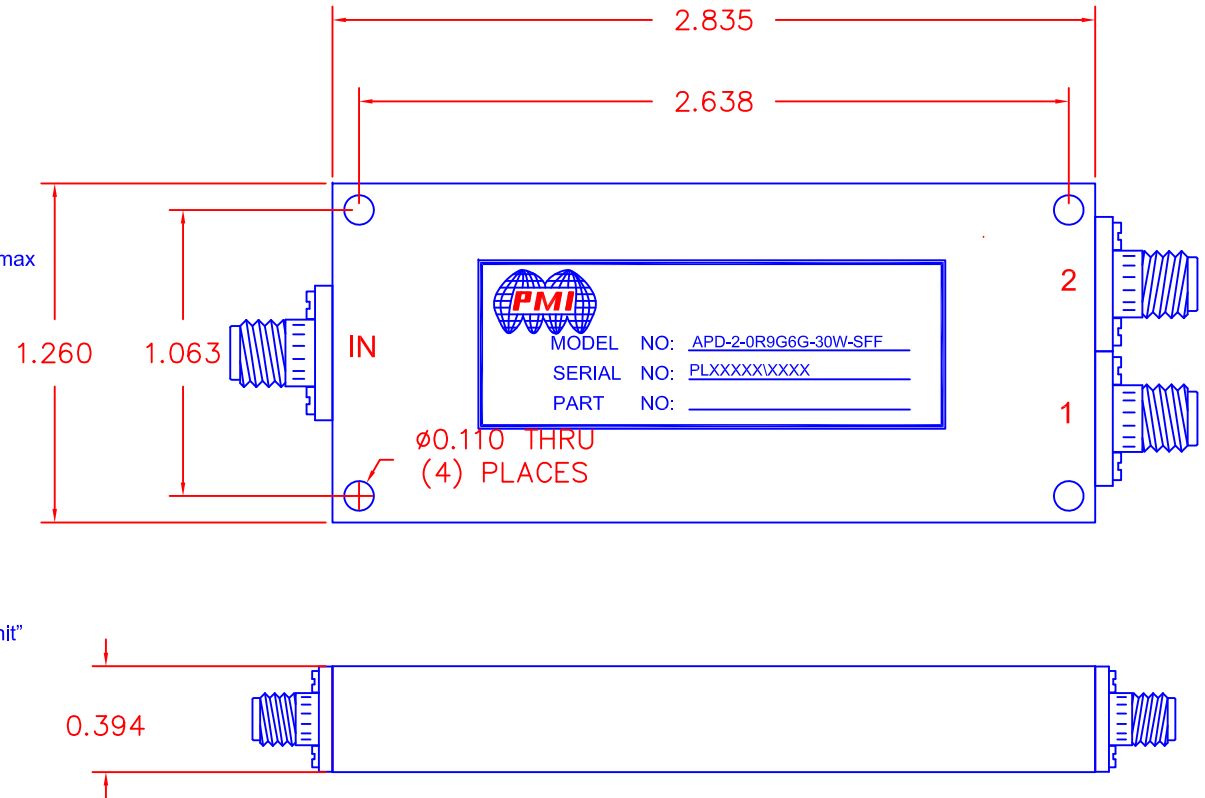
- FREQUENCY: 0.9 to 6.0 GHz
- INSERTION LOSS: 0.5 dB max. (Above 3.01 dB Split)
- ISOLATION: 18 dB min.
- VSWR: Input 1.40 : 1 max. Output 1.30:1 max
- AMPLITUDE BALANCE: ± 0.3 dB max.
- PHASE BALANCE: ± 3° max.
- POWER HANDLING: Forward 30 Watts max.  
Reverse 1.0 Watts max.
- IMPEDENCE: 50 ohms
- CONNECTORS: SMA Female
- SIZE: 2.835" X 1.26" X 0.394"
- AMPLITUDE TRACKING: ±0.3dB unit to unit to a "golden unit"
- PHASE TRACKING: ±10°unit to unit to a "golden unit"

**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	9/27/23	



PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		9/27/23	PRODUCT FEATURE			
CHECKED			APD-2-0R9G6G-30W-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1

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