

DESCRIPTION:

PMI MODEL NUMBER APD-8-1G18G-SFF-30W IS A 8-WAY POWER DIVIDER OPERATING OVER THE 1.0 TO 18.0 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A LOW INSERTION LOSS OF 4.5 dB max. WITH AN ISOLATION OF 16 dB min.

SPECIFICATIONS:

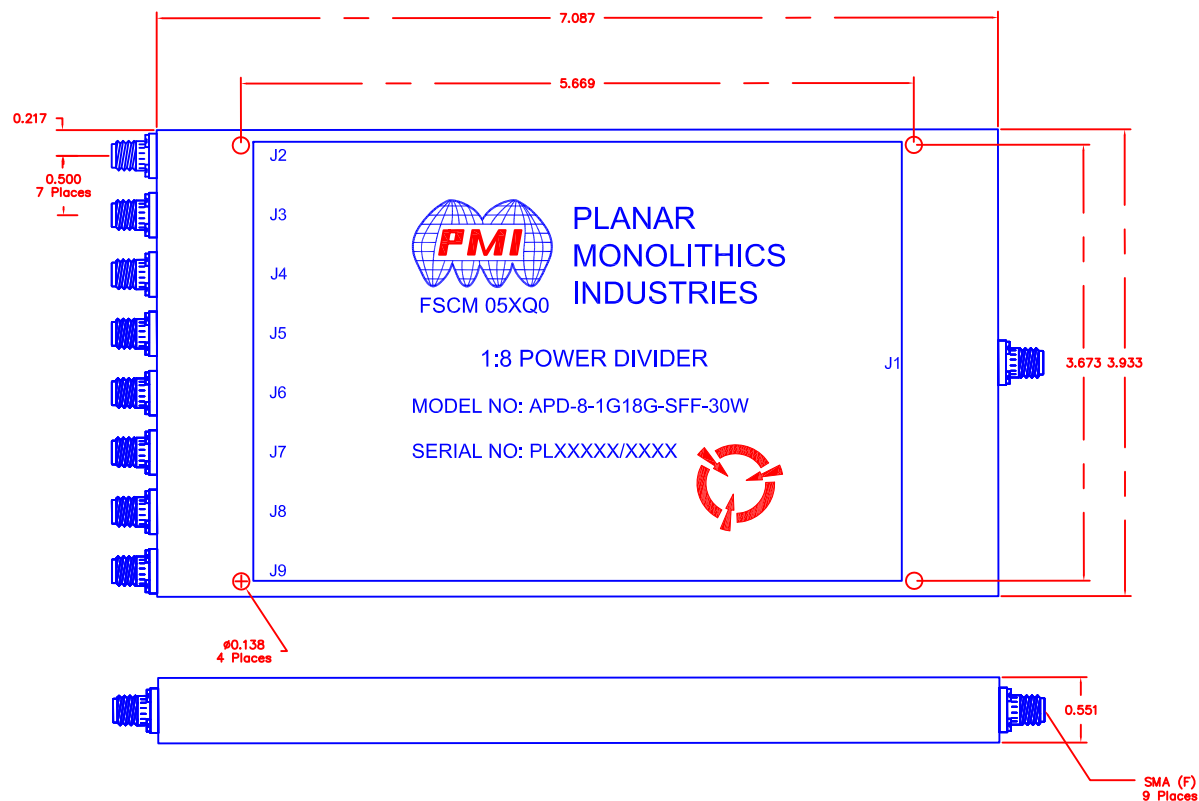
- FREQUENCY: 1.0 to 18.0 GHz
- INSERTION LOSS: 4.5 dB max.
(Above 9.03 dB Split)
- INPUT VSWR 2.0:1 min.
- OUTPUT VSWR 1.7:1 min.
- ISOLATION 16 dB min.
- AMPLITUDE BALANCE ± 0.6 dB max.
- PHASE BALANCE: $\pm 8^\circ$ max.
- POWER HANDLING: Forward 10 Watts max.
Reverse 0.5 Watts max.
- IMPEDENCE 50 ohms
- CONNECTORS (9) SMA (F)
- SIZE 7.087" X 3.933" X 0.551"
- 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
	1	PRELIMINARY	8-03-16	



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		8-03-16		PRODUCT FEATURE	
CHECKED				APD-8-1G18G-SFF-30W	
ISSUED				PRELIMINARY	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 1	

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