

DESCRIPTION

PMI MODEL APD-2-1018 IS A 10 TO 18 GHz POWER DIVIDER HAVING AN INSERTION LOSS OF 1.2 dB MAXIMUM BETWEEN 10 TO 18 GHz. THE SIZE IS 1.00" x 1.00" x 0.50".

SPECIFICATIONS

- FREQUENCY RANGE: 10 TO 18 GHz
- INSERTION LOSS: 10 TO 18 GHz: 1.2 dB MAXIMUM
- VSWR INPUT: 10 TO 18 GHz: 1.5:1
- VSWR OUTPUT: 10 TO 18 GHz: 1.5:1
- ISOLATION: 10 TO 18 GHz: 12 dB MINIMUM
- AMPLITUDE BALANCE: 10 TO 18 GHz: 0.8 dB
- PHASE BALANCE: 10 TO 18 GHz: 10.0°
- INPUT POWER 0.5 WATT
- WEIGHT: 1.4 oz.
- SIZE: 1.00" x 1.00" x 0.50"

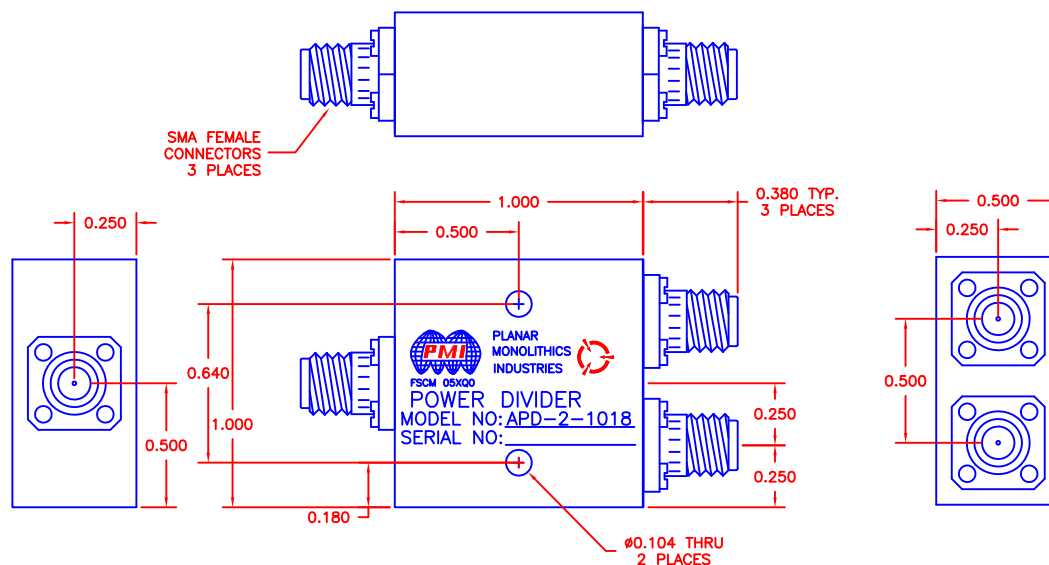
ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -40°C TO +55°C (OPERATING)
..... -45°C TO +70°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 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/21/14	



PLANAR MONOLITHICS INDUSTRIES, INC.

7311-G GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-631-1579 FAX: 301-662-2029
WEBSITE: www.planarmonolithicsindustries.com
E-MAIL: sales@planarmonolithics.com
ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		8/21/14		PRODUCT FEATURE	
REDRAWN				APD-2-1018	
ISSUED				10 TO 18 GHz, POWER DIVIDER	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 3	