

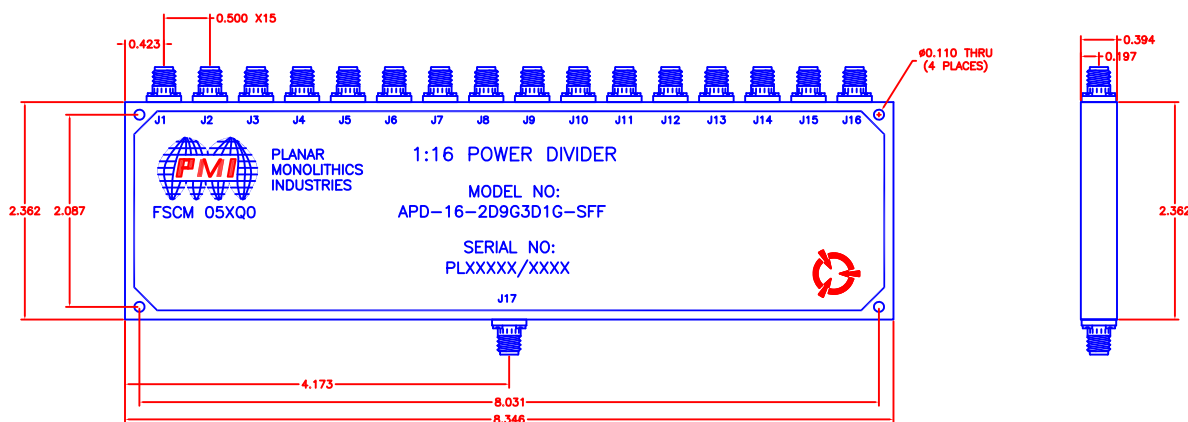
DESCRIPTION

PMI MODEL APD-16-2D9G3D1G-SFF IS A SIXTEEN WAY, IN-PHASE POWER DIVIDER OPERATING FROM 2.9 TO 3.1GHz. THIS MODEL OFFERS A LOW INSERTION LOSS OF 1.5dB WITH OVER 18dB OF ISOLATION. THE PHASE BALANCE IS 4 DEGREES MAXIMUM AND THE AMPLITUDE BALANCE IS 0.2dB MAXIMUM AT 3GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 2.9 TO 3.1GHz
- INSERTION LOSS: 1.5dB MAXIMUM
- VSWR: 1.4:1 MAXIMUM
- ISOLATION: 18dB MINIMUM
- AMPLITUDE BALANCE: 0.2dB MAXIMUM (AT 3GHz)
- PHASE BALANCE: 4.0° MAXIMUM (AT 3GHz)
- POWER HANDLING: FORWARD ≤ 20 Watts
..... REVERSED ≤ 1 Watt
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE

MECHANICAL OUTLINE



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 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
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>K. MASON</i>		3/30/15	PRODUCT FEATURE APD-16-2D9G3D1G-SFF			
CHECKED			2.9 - 3.1 GHz, 16 WAY POWER DIVIDER			
ISSUED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
SCALE N:S			SHEET 1 OF 1			