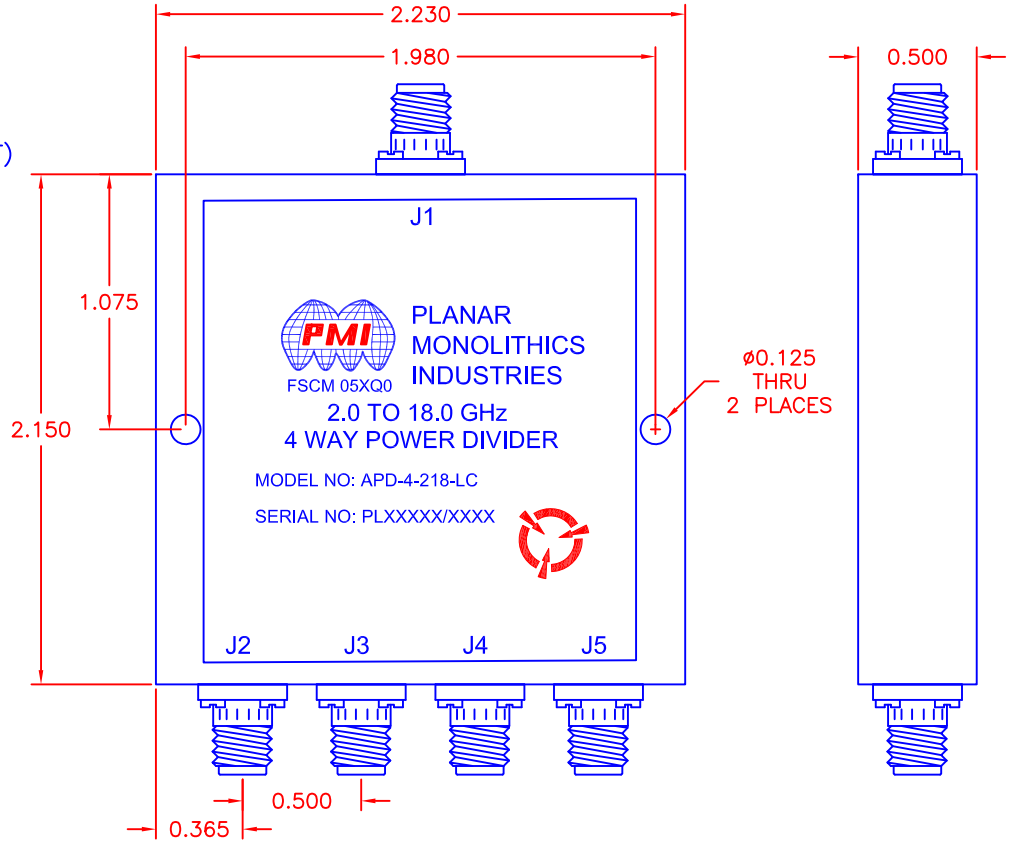
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	9/18/17	

DESCRIPTION

PMI MODEL APD–4–218–LC IS A 2.0 TO 18.0 GHz, 4 WAY POWER DIVIDER HAVING A MAXIMUM INSERTION LOSS OF 1.8 dB (ABOVE 6.02 dB SPLIT).

SPECIFICATIONS

- FREQUENCY RANGE: 2.0 TO 18.0 GHz
- INSERTION LOSS: 1.8 dB MAXIMUM (ABOVE 6.02 dB SPLIT)
- VSWR INPUT: 1.60:1 MAXIMUM
- VSWR OUTPUT: 1.50:1 MAXIMUM
- ISOLATION: 17 dB MINIMUM
- AMPLITUDE BALANCE: 0.5 dB MAXIMUM
- PHASE BALANCE: ±6° MAXIMUM
- POWER HANDLING: FORWARD: 30 WATTS MAXIMUM
  REVERSED: 1 WATT MAXIMUM
- IMPEDANCE: 50 Ω
- PORT CONNECTORS: SMA (F)
- FINISH: PAINTED BLUE
- OPERATING TEMPERATURE: –55~+85°C
- OPERATING HUMIDITY: UP TO 95%, NON–CONDENSING



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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001:2000 CERTIFIED

APPROVALS	DATE
DRAWN CW	9/18/17
REDRAWN	
ISSUED	

TITLE: PRODUCT FEATURE APD–4–218–LC

SIZE	FSCM NO.	DWG NO.	REV.
A	05XSQO	PRELIMINARY	—

SCALE N:S SHEET 1 OF 1