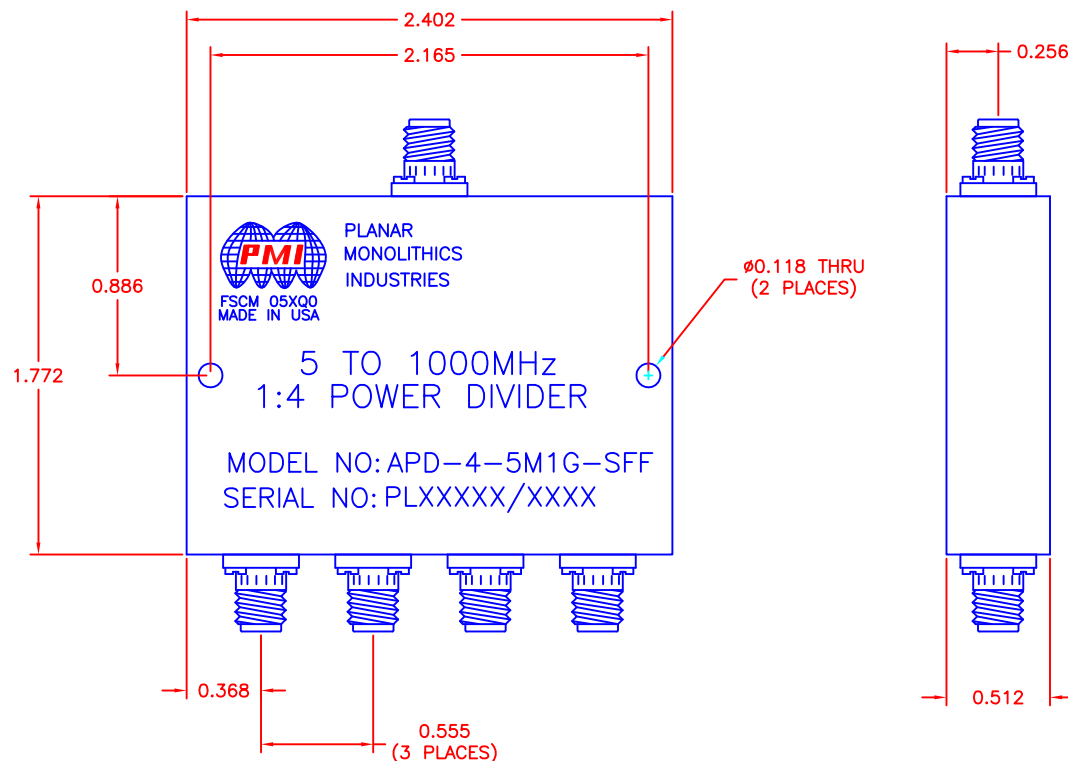


DESCRIPTION

PMI MODEL APD-4-5M1G-SFF IS A 5 TO 1000 MHz 1:4 IN-PHASE POWER DIVIDER HAVING AN INSERTION LOSS OF 2.4 dB MAXIMUM AND AN ISOLATION OF 20DB MINIMUM. THE AMPLITUDE BALANCE IS ± 0.5 DB MAXIMUM WITH A PHASE BALANCE OF ± 5 DEGREES MAXIMUM. THE SIZE IS 2.402" x 1.772" x 0.512".

SPECIFICATIONS

- FREQUENCY RANGE: 5 TO 1000 MHz
- INSERTION LOSS: 2.4 dB MAXIMUM
- VSWR INPUT: 1.5:1 MAXIMUM
- VSWR OUTPUT: 1.5:1 MAXIMUM
- IMPEDANCE: 50 OHMS
- ISOLATION: 20.0 dB MINIMUM
- AMPLITUDE BALANCE: ± 0.5 dB MAXIMUM
- PHASE BALANCE: $\pm 5.0^\circ$ MAXIMUM
- POWER HANDLING: FORWARD 5 WATTS MAXIMUM
REVERSE 0.5 WATTS MAXIMUM
- SIZE: 2.402" x 1.772" x 0.512"
- CONNECTORS: SMA(F)
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -20°C TO +70°C (OPERATING)
..... -54°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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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		DATE		APPROVED	
DRAWN		K.M.		7/16/14		PRODUCT FEATURE		APD-4-5M1G-SFF	
REDRAWN						5 TO 1000 MHz, POWER DIVIDER			
ISSUED						SIZE FSCM NO. DWG NO.		PRELIMINARY	
						A 05XSQ0		1 OF 1	
						SCALE N:S		SHEET	