

DESCRIPTION

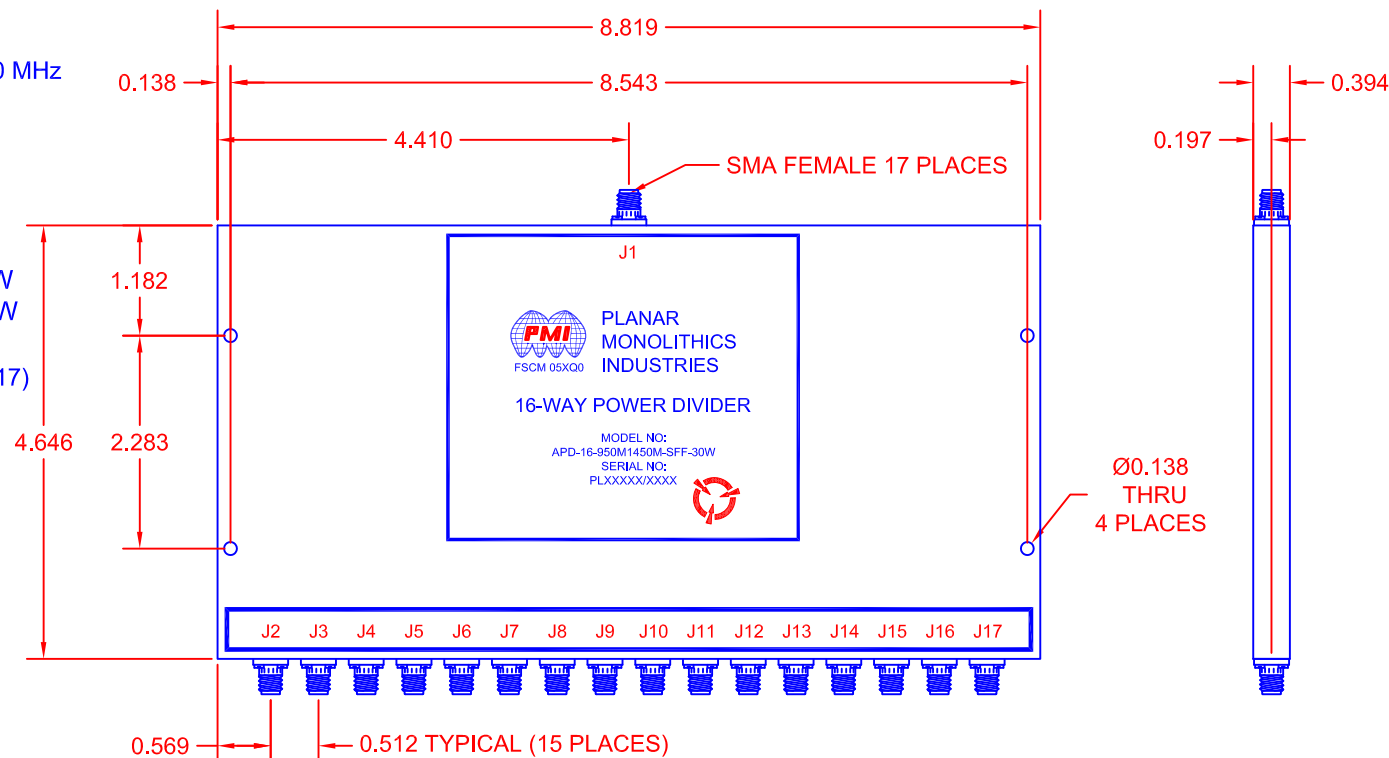
PMI MODEL APD-16-950M1450M-SFF-30W IS A SIXTEEN WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR BROADBAND USE AND HIGH RELIABILITY.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	05/22/15	KM

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 950 MHz TO 1450 MHz
- INSERTION LOSS: ≤ 1.5 dB
- VSWR: $\leq 1.40:1$
- ISOLATION: 20 dB MINIMUM
- AMPLITUDE BALANCE: $\leq \pm 0.6$ dB
- PHASE BALANCE: $\leq \pm 10^\circ$
- POWER HANDLING: FORWARD ≤ 30 W
REVERSED ≤ 1 W
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA FEMALE (X17)
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +70 °C (OPERATING)
- HUMIDITY: UP TO 90%, NONCONDENSING
- 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 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN <i>M. Berry</i>		05/22/15		PRODUCT FEATURE APD-16-950M1450M-SFF-30W			
CHECKED				SIZE	FSCM NO.	DWG NO.	REV.
ISSUED				A	05XQ0	PRELIMINARY	-
SCALE		N:S		SHEET		1 OF 1	