

DESCRIPTION

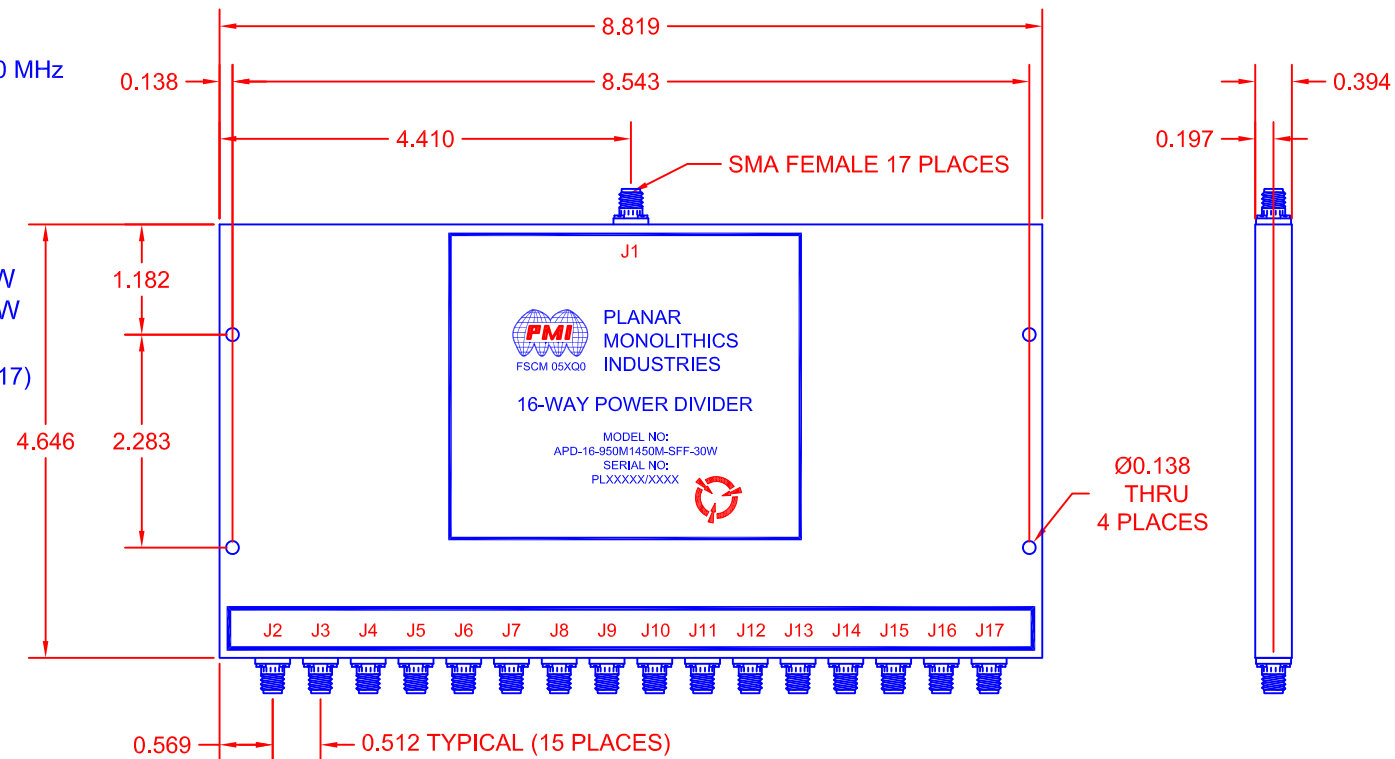
PMI MODEL APD-16-950M1450M-SFF-30W IS A SIXTEEN WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, AND LOW VSWR. IT IS DESIGNED FOR BROADBAND USE AND HIGH RELIABILITY.

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