

**DESCRIPTION:**

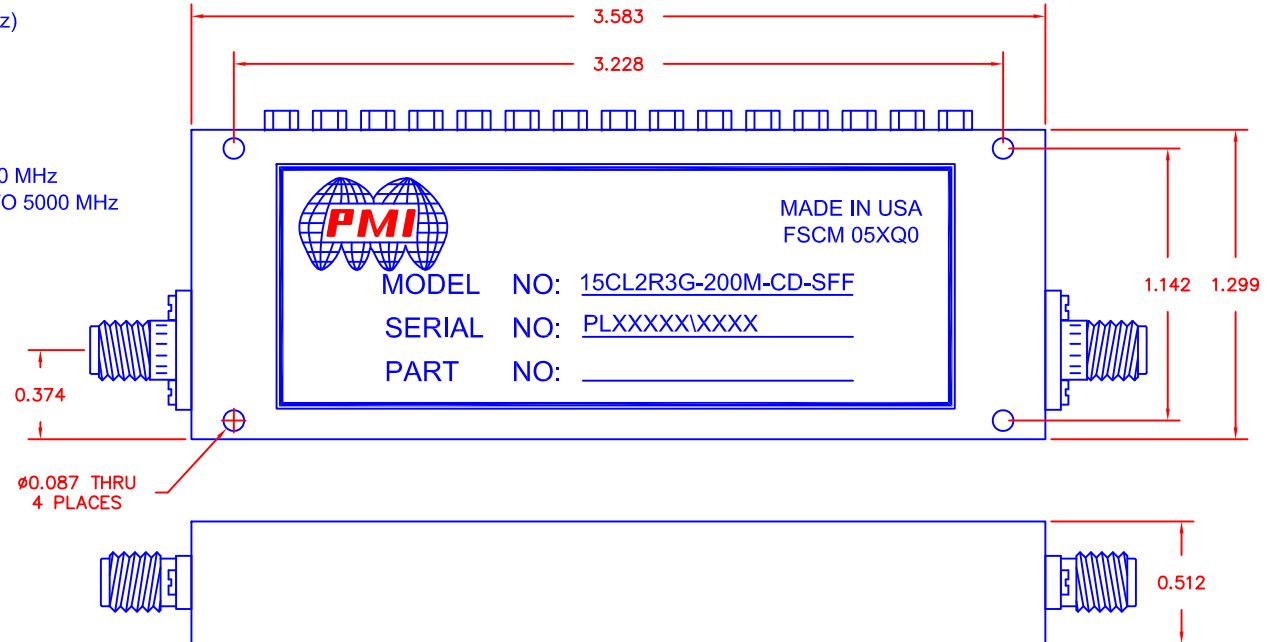
PMI MODEL NUMBER 15CL2R3G-200M-CD-SFF IS A COMB BAND PASS FILTER WITH A 2300 MHz CENTER FREQUENCY AND 200 MHz BANDWIDTH.

| REVISIONS |      |             |          |          |
|-----------|------|-------------|----------|----------|
| ZONE      | REV. | DESCRIPTION | DATE     | APPROVED |
|           | -    | PRELIMINARY | 08-26-16 |          |
|           |      |             |          |          |
|           |      |             |          |          |

**SPECIFICATIONS:**

- CENTER FREQUENCY: 2300 MHz
- BANDWIDTH: 200 MHz (2200 ~ 2400 MHz)
- PASS BAND INSERTION LOSS: 1.0 dB MAXIMUM
- PASS BAND RIPPLE: 0.7 dB MAXIMUM
- PASS BAND VSWR: 1.5:1 MAXIMUM
- STOP BAND ATTENUATION: 40 dB MINIMUM @ F0±200 MHz  
(DC TO 2100 MHz, 2500 TO 5000 MHz)
- GROUP DELAY: 35 ns MAXIMUM
- IMPEDANCE: 50 ohms
- INPUT POWER: 2 W
- CONNECTORS: SMA (F)
- FINISH: PAINTED BLUE

**MECHANICAL OUTLINE**



PMI CONFIDENTIAL AND PROPRIETARY

**ENVIRONMENTAL RATINGS:**

- TEMPERATURE: -40°C TO +80°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 107

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                |          |              |
| DRAWN<br><i>EMF</i> |  | 8/26/16 | PRODUCT FEATURE      |          |              |
| CHECKED             |  |         | 15CL2R3G-200M-CD-SFF |          |              |
| ISSUED              |  |         | SIZE                 | FSCM NO. | DWG NO.      |
|                     |  |         | A                    | 05XQ0    | PRELIMINARY  |
|                     |  |         | SCALE                | N:S      | SHEET 1 OF 1 |