

DESCRIPTION

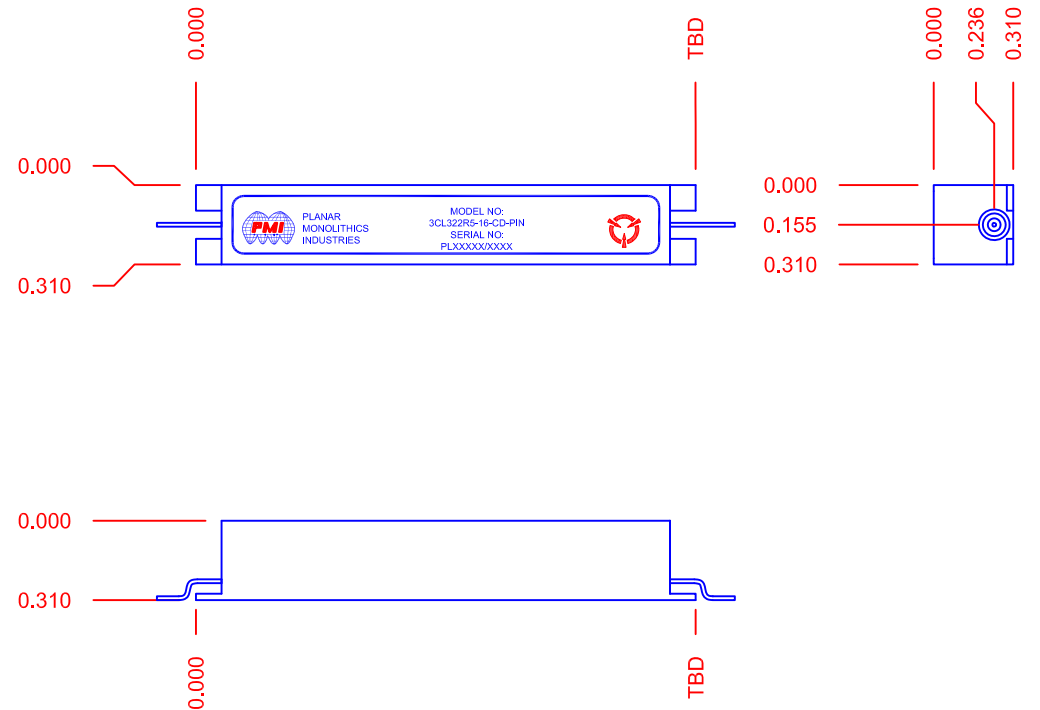
PMI MODEL: 3CL322R5-16-CD-PIN IS A COMBLINE BANDPASS FILTER CENTERED AT 322.5 MHz WITH A 16 MHz BANDWIDTH. THIS FILTER FEATURES HIGH OUT OF BAND REJECTION AND LOW PASSBAND INSERTION LOSS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/16/16	

MECHANICAL OUTLINE

SPECIFICATIONS

- CENTER FREQUENCY: ----- 322.5 MHz
- 3 dB BANDWIDTH: ----- 5% MINIMUM
- INSERTION LOSS: ----- 3.5 dB MAXIMUM
- PASS BAND RIPPLE: ----- 1.0 dB MAXIMUM
- REJECTION: -----
-55 dB MAXIMUM ABOVE 387 MHz
-63 dB MAXIMUM BELOW 258 MHz
- VSWR: ----- 1.35:1 MAXIMUM
- IMPEDANCE: ----- 50 Ω (INPUT/OUTPUT)
- CONNECTORS: ----- PIN
- SIZE: ----- 0.310" x 0.310" x TBD"
7.874 mm x 7.874 mm x TBD mm
- FINISH: ----- GOLD PLATED



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- X, Y, & Z Axes, 6 G_{rms}, 10 Min
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, 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 (mm)
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>M. Berry</i>		09/16/16	PRODUCT FEATURE 3CL322R5-16-CD-PIN			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO.	REV. -
ISSUED			SCALE N:S			SHEET 1 OF 1