

DESCRIPTION

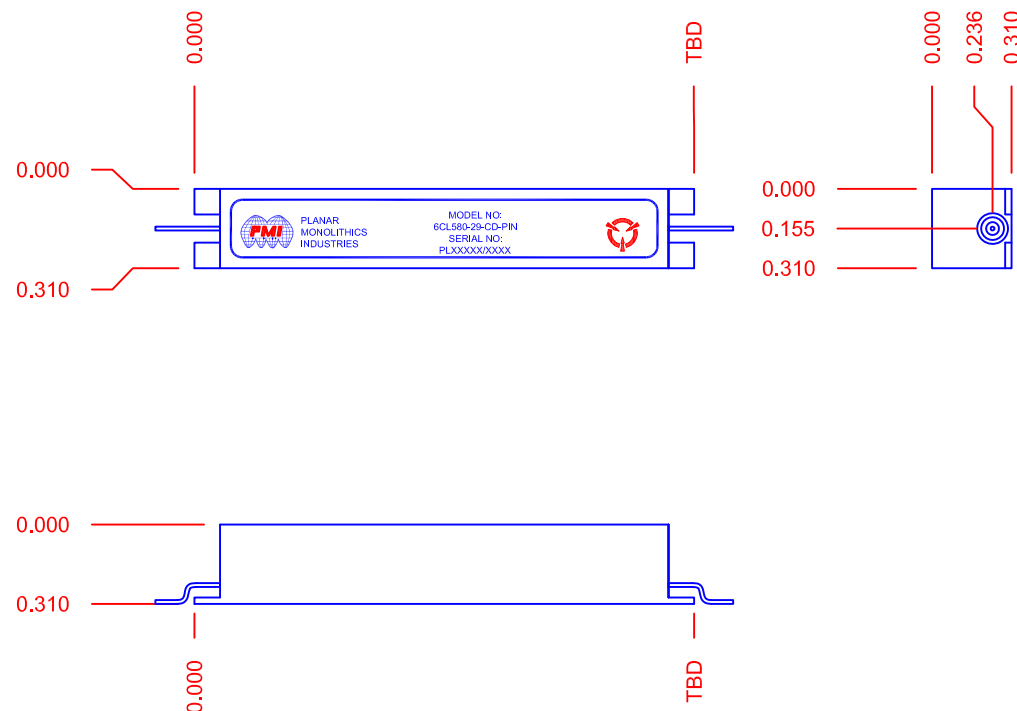
PMI MODEL: 6CL580-29-CD-PIN IS A COMBINE BANDPASS FILTER CENTERED AT 580 MHz WITH A 29 MHz BANDWIDTH. THIS FILTER FEATURES HIGH OUT OF BAND REJECTION AND LOW PASSBAND INSERTION LOSS.

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

MECHANICAL OUTLINE

SPECIFICATIONS

- CENTER FREQUENCY: ----- 580 MHz
- 3 dB BANDWIDTH: ----- 5% MINIMUM
- INSERTION LOSS: ----- 3.5 dB MAXIMUM
- PASS BAND RIPPLE: ----- 1.0 dB MAXIMUM
- REJECTION: -----
 - 67 dB MAXIMUM @ 516 MHz
 - 62 dB MAXIMUM @ 650 MHz
 - 55 dB MAXIMUM ABOVE 650 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 Grms, 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

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		
DRAWN		M. Berry		09/16/16		PRODUCT FEATURE 6CL580-29-CD-PIN
CHECKED						
ISSUED						
SIZE	A	FSCM NO.	05XQ0	DWG NO.	PRELIMINARY	
SCALE	N:S				SHEET	1 OF 1