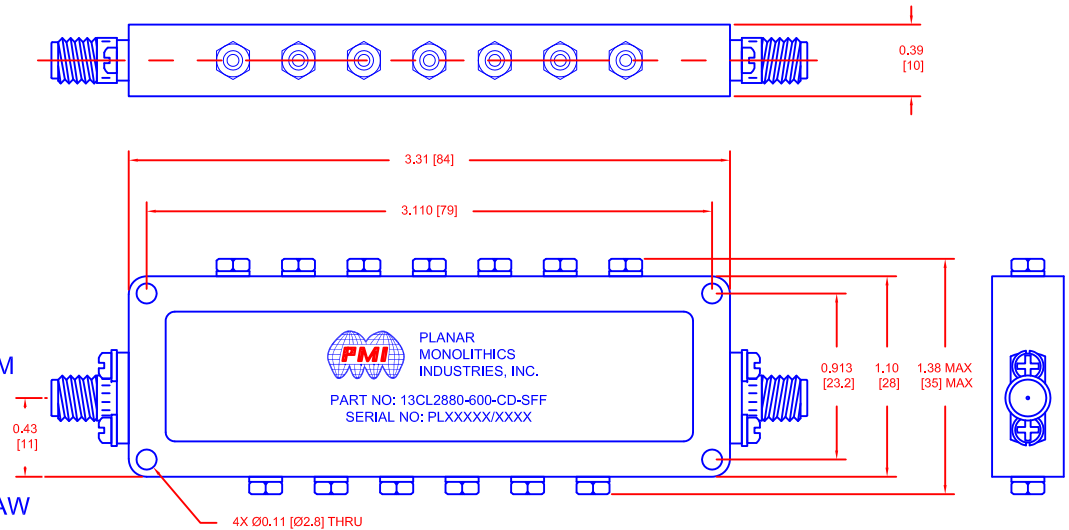


## DESCRIPTION

PMI MODEL: 13CL2880-600-CD-SFF IS A 13 POLE BAND PASS FILTER WITH A CENTER FREQUENCY OF 2880 MHz AND A NOMINAL BANDWIDTH OF 600 MHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/04/15	

## MECHANICAL OUTLINE



## SPECIFICATIONS

- CENTER FREQUENCY: ----- 2880 MHz
- PASSBAND FREQUENCY: ----- 2580 TO 3180 MHz
- PASSBAND INSERTION LOSS: ----- 2.0 dB MAXIMUM
- PASSBAND AMPLITUDE FLATNESS: -- 1.0 dB MAXIMUM
- PASSBAND VSWR: ----- 1.5:1 MAXIMUM
- STOP BAND REJECTION: ----- 45 dB @ DC TO 2460 MHz MINIMUM  
45 dB @ 3300 TO 6000 MHz MINIMUM
- IMPEDANCE: ----- 50 Ω
- POWER HANDLING: ----- 2 WATTS MAXIMUM
- CONNECTORS: ----- SMA FEMALE
- SURFACE FINISH: ----- BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)  
-55 °C TO +85 °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 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

## PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>M. Berry</i>		12/04/15	PRODUCT FEATURE 13CL2880-600-CD-SFF			-
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S		SHEET 1 OF 1	