DESCRIPTION

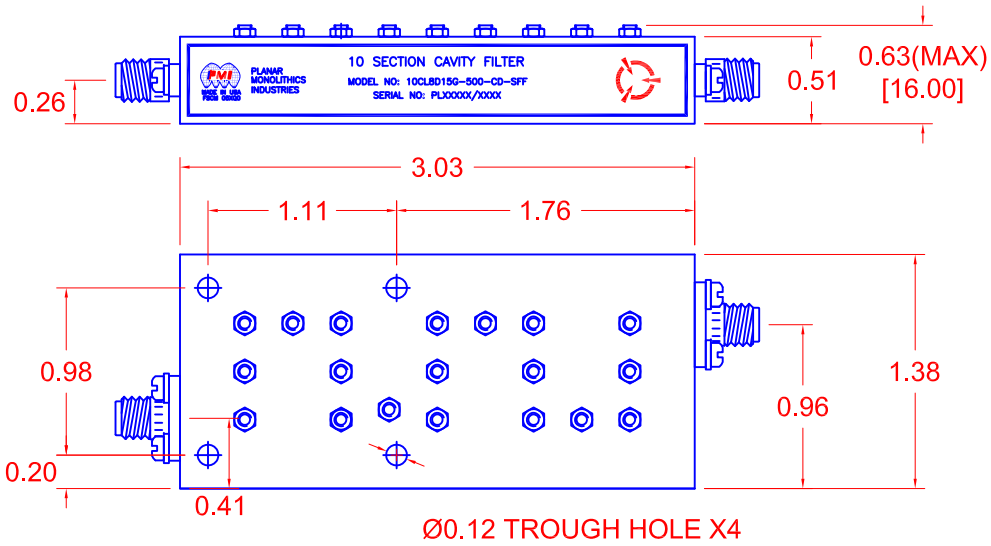
PMI MODEL: 10CL8D15G-500-CD-SFF IS A 10 SECTION CAVITY FILTER WITH SILVER PLATED ALUMINUM TO INCREASE Q AND IMPROVED PERFORMANCE.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	01/08/17	

MECHANICAL OUTLINE

SPECIFICATIONS

* Center Frequency:	8.15GHz
* Bandwidth:	±250MHz (7.9~8.4GHz)
* Insertion Loss:	≤0.7dB @ 8.15GHz ≤1.4dB @ 7.9~8.4GHz
* Return Loss:	≥20dB
* Stop Band Rejection:	≥46dB @ 7.75GHz
* Impedance:	50 ohms
* Power Handling:	≤10W
* 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.



Ø0.12 TROUGH HOLE X4

ENVIRONMENTAL RATINGS

* TEMPERATURE:	-20 °C TO +60 °C (OPERATING)
* HUMIDITY:	MIL-STD-202, METHOD 103B COND. B
* SHOCK:	MIL-STD-202, METHOD 213B COND. B
* VIBRATION:	MIL-STD-202, METHOD 204D COND. B
* 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
DRAWN: YPU	01/08/17
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
10CL8D15G-500-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27031661	A1

SCALE N:S SHEET 1 OF 1