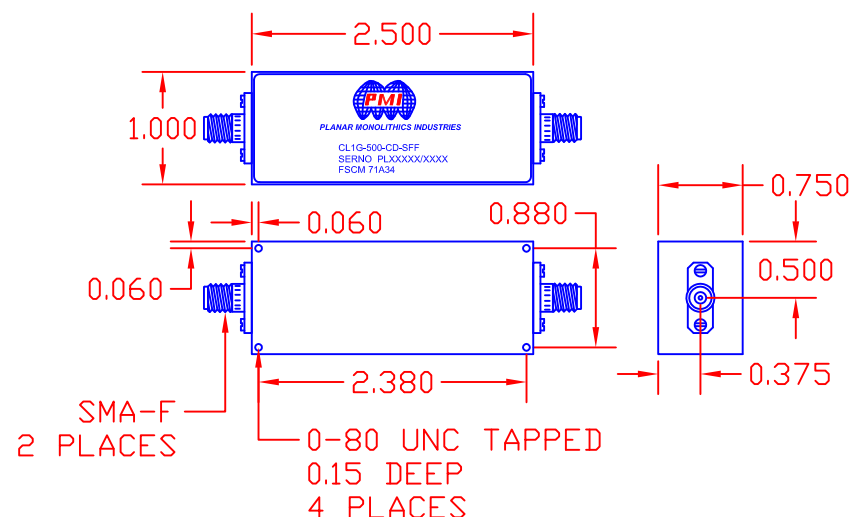


PMI MODEL: CL1G-500-CD-SFF IS A COMBLINE BANDPASS FILTER CENTERED AT 1.0 GHz AND WITH A 500 MHz PASSBAND. THE FILTER FEATURES HIGH OUT OF BAND REJECTION AND LOW PASSBAND INSERTION LOSS. THE HOUSING IS EQUIPPED WITH SMA-F CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/8/15	

- * CENTER FREQUENCY:----- 1.0 GHz
- * 1 dB BANDWIDTH:----- 500 MHz
- * PASSBAND VSWR:----- 2.0:1 MAX
- * PASSBAND INSERTION LOSS:--- 1.0 dB MAX
- * PASSBAND FLATNESS:----- 0.2 dB MIN
- * ATTENUATION AT 100 MHz:----- 90 dB MIN
- * POWER HANDLING:----- +30 dBm MAX
- * GROUP DELAY:----- 0.8 ns MAX
- * CONNECTORS:----- SMA-F
- * SIZE: ----- 2.5 X 1.0 X 0.75 INCHES
- * WEIGHT: ----- 1.5 OZ TYP



- * TEMPERATURE: ----- -55 °C TO +85 °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 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

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ISO 9001 CERTIFIED



APPROVALS DATE		TITLE PRODUCT FEATURE CL1G-500-CD-SFF					REV
DRAWN <i>JS</i>		12/8/15		SIZE	FSCM NO.	DWG NO.	-
CHECKED <i>sft</i>		12/9/15		A	71A34	PRELIMINARY	-
ISSUED				SCALE	N:S		SHEET 1 OF 1