

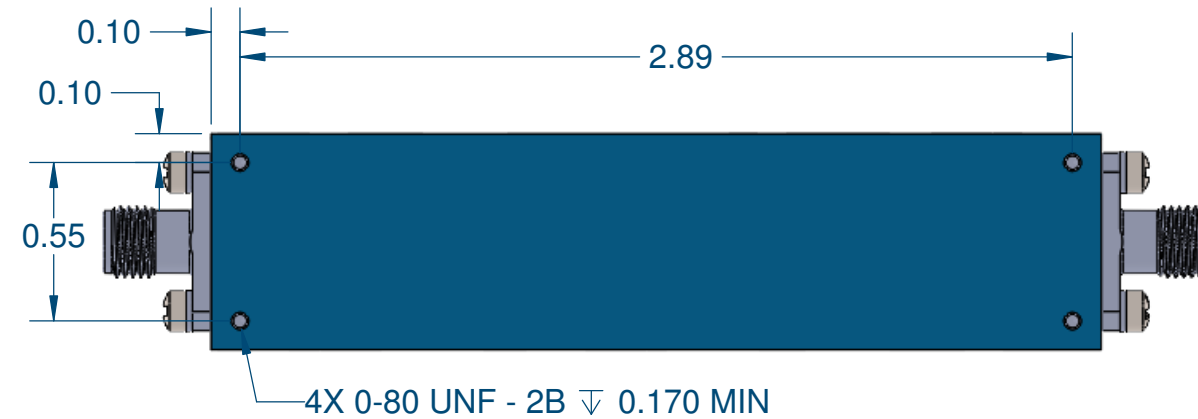
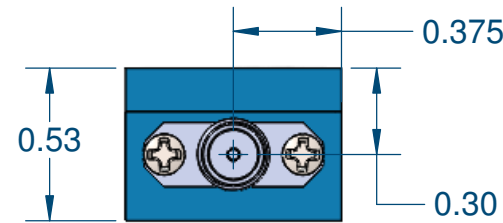
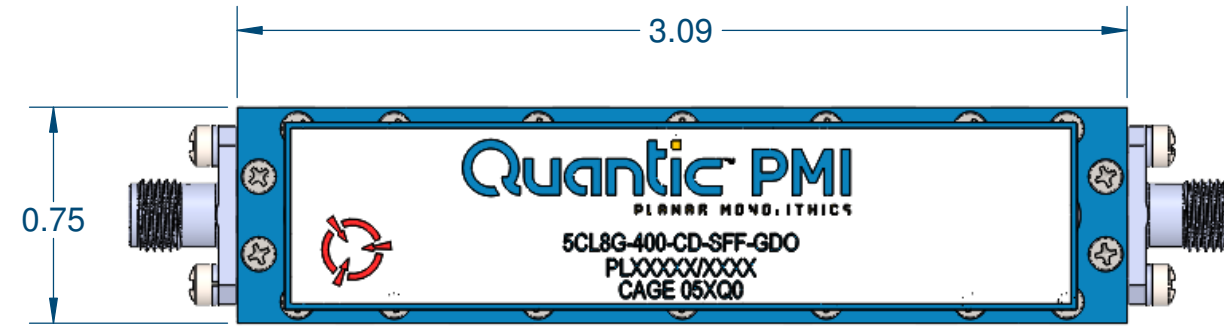
DESCRIPTION:

PMI MODEL: 5CL8G-400-CD-SFF-GDO IS A COMBLINE FILTER WITH A CENTER FREQUENCY OF 8 GHz AND IN AND OUT SMA FEMALE CONNECTORS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/10/24	

SPECIFICATIONS:

- CENTER FREQUENCY:..... 8 GHz
- INSERTION LOSS:..... 1.75 dB MAX
- BANDWIDTH:..... 0.4 GHz
- PASSBAND RIPPLE:..... 0.25 dB MAX
- VSWR:..... 1.5:1 MAX
- REJECTION @ 7.28 AND 8.72 GHz:..... 60 dBc MIN
- GROUP DELAY VARIATION @ 8 GHz ± 150 MHz:..... 3.0 ns TYP
- IMPEDANCE:..... 50 Ω
- CONNECTORS:..... SMA FEMALE
- SIZE:..... 3.09" X 0.75" X 0.53"
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-40°C TO +100°C (STORAGE)
- 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 TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN M.LAULIS REDRAWN ISSUED		DATE		TITLE OUTLINE 5CL8G-400-CD-SFF-GDO	
		9/10/24			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		SIZE	FSCM NO.	DWG NO.	REV.
		B	05XQ0	27049540	A1
SCALE 2:1				SHEET 1 OF 1	

Quantic PMI
PLANAR MONOLITHICS

7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA
TEL: (301) 662-5019, FAX: (301) 662-1731
WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM
ISO 9001 CERTIFIED