

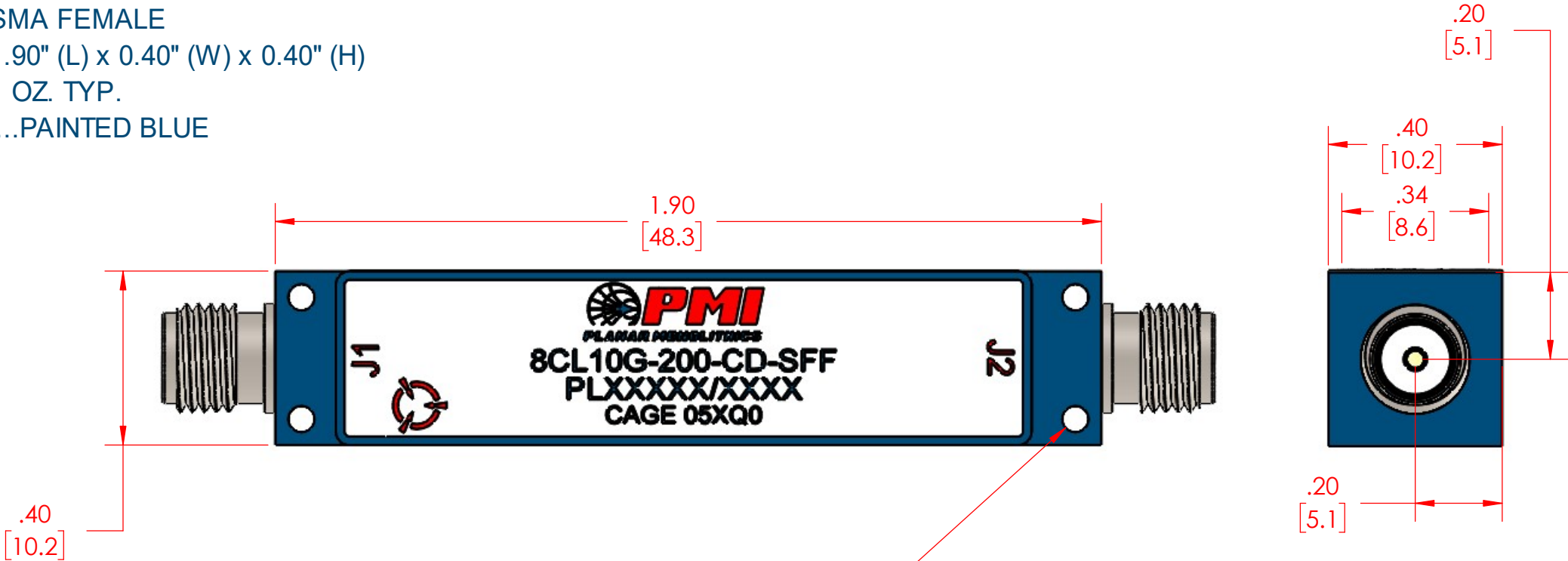
DESCRIPTION:

PMI MODEL NUMBER 8CL10G-200-CD-SFF IS A COMBLINE FILTER WITH SMA FEMALE CONNECTORS IN AND OUT. THIS UNIT OFFERS HIGH Q AND LOW INSERTION LOSS.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/7/2026	

SPECIFICATIONS:

- CENTER FREQUENCY:..... 10 GHz
- 3dB BANDWIDTH:..... 200 MHz
- VSWR IN THE PASS BAND:..... 1.5:1 MAX
- INSERTION LOSS(PASSBAND):..... 2 dB MAX
- REJECTION @9.6 GHz:..... -60 dBc MAX
- REJECTION @10.4 GHz:..... -60 dBc MAX
- CONNECTORS:..... SMA FEMALE
- SIZE:..... 1.90" (L) x 0.40" (W) x 0.40" (H)
- WEIGHT:..... 1 OZ. TYP.
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107 COND. A

PMI CONFIDENTIAL AND PROPRIETARY

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01					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									
			APPROVALS		DATE		TITLE OUTLINE 8CL10G-200-CD-SFF							
			DRAWN I.Cossio		5/7/2026									
			REDRAWN											
			ISSUED				SIZE B		FSCM NO. 05XQ0		DWG NO. 27054780		REV. A1	
							SCALE 2:1						SHEET 1 OF 1	