

## DESCRIPTION

PMI MODEL: 5CL6D8G-100-CD-SMM IS A COMBLINE FILTER WITH SMA MALE CONNECTORS IN AND OUT.  
ALL FILTERS WILL BE MACHINED AND SILVER PLATED TO PROVIDE THE HIGHEST POSSIBLE Q

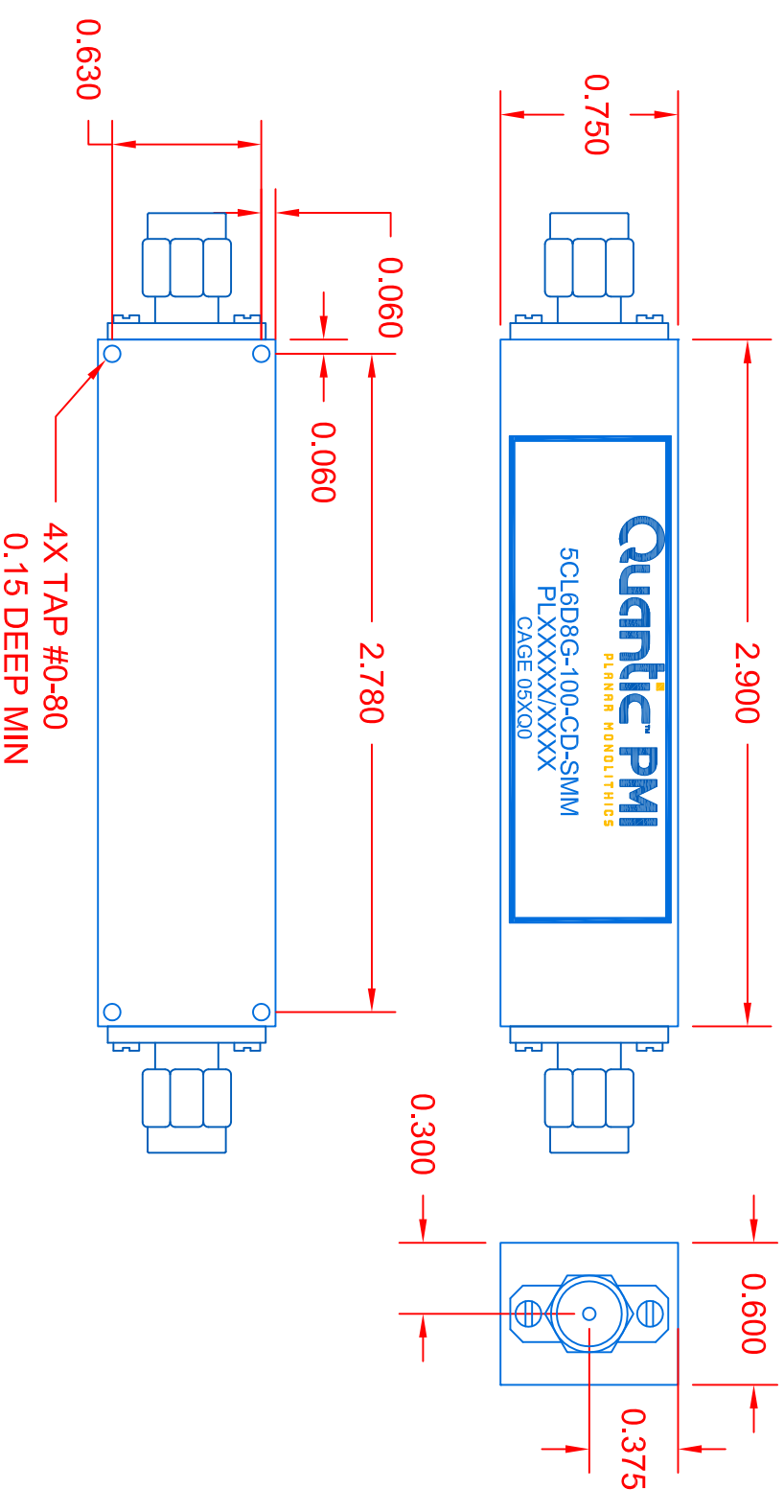
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	07/02/24	
	B1	ECN # 24-0313	11/01/24	

## SPECIFICATIONS

- CENTER FREQUENCY: 6.8 GHz
- 3dB BANDWIDTH: 100 MHz MIN
- VSWR IN THE PASSBAND: 1.5:1 MAX
- INSERTION LOSS(PASSBAND): 1.5 dB MAX
- REJECTION @ 6.92 GHz: 20 dB MIN
- REJECTION @ 6.69 GHz: 20 dB MIN
- REJECTION @ 6.989 GHz: 40 dB MIN
- REJECTION @ 6.603 GHz: 40 dB MIN
- SIZE: 2.90"(L) X 0.60" (W) X 0.75" (H)
- CONNECTORS: SMA MALE
- 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-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



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

**Quantic PMI**  
PLNRBR MONOLITHICS

7309-A GROVE ROAD

OUTLINE

5CL6D8G-100-CD-SMM

APPROVALS	DATE	TITLE	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27049060	B1
DRAWN	07/02/24					
REDRAWN						