

PMI model number 8C10D2G-300-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

MECHANICAL OUTLINE

- CENTER FREQUENCY: 10200 MHz
- 3dB BANDWIDTH: 300 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= 3dB MAX.
- REJECTION +/-600 MHz FROM FO 80 dB



- **CONNECTORS:** SMA FEMALE CONNECTORS
- **SIZE:** 2.44" (L) x 0.40" (W) x 0.40" (H)
- **WEIGHT:** 1 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

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		TITLE PRODUCT FEATURE 8C10D2G-300-CD-SFF			
APPROVALS	DATE				
DRAWN <i>JLS</i>	06/19/13				
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. 27019861	REV A
ISSUED		SCALE N: S			SHEET 1 OF 1