

DESCRIPTION

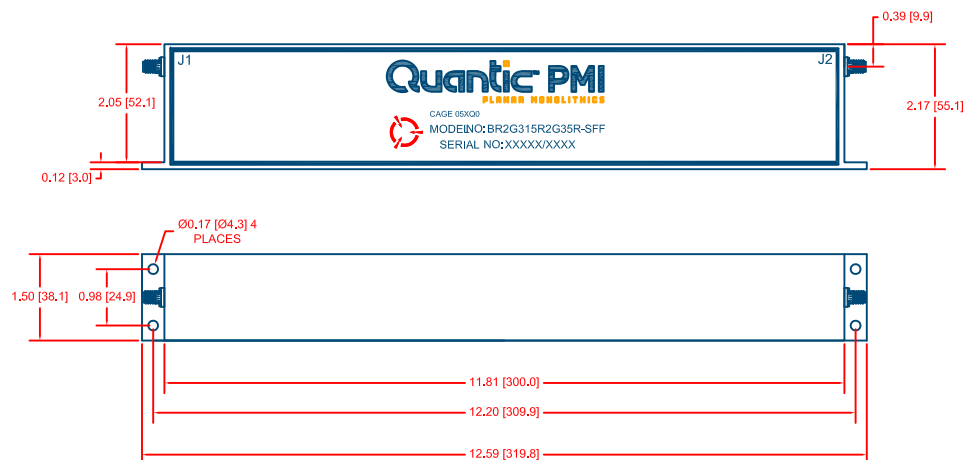
PMI MODEL NO. BR2G315R2G35R-SFF IS A NOTCH FILTER. THE PASSBAND VSWR IS 1.8:1 MAXIMUM AND THIS UNIT IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/15/2023	

MECHANICAL OUTLINE

SPECIFICATIONS

- STOP BAND FREQUENCY: ----- 2.315 to 2.35 GHz
- STOP BAND ATTENUATION: ----- 45 dB MIN
- PASS BAND FREQUENCY: ----- DC to 2.3 GHz & 2.365 to 6.0 GHz
- PASS BAND INSERTION LOSS: ----- 3.0 dB MAX
- PASS BAND VSWR: ----- 1.8:1 MAX
- INPUT POWER: ----- 1 WATT MAX
- IMPEDANCE: ----- 50 OHMs
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -30 °C TO +70 °C (OPERATING)
----- -50 °C TO +90 °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 OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

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Quantic PMI
PLANAR MONOLITHICS

APPROVALS		DATE	TITLE			
DRAWN		MDL	11/15/23			
REDRAWN						
ISSUED						
SIZE		A	FSCM NO.	05XQ0	DWG NO.	27047680
SCALE		N:S			SHEET	1 OF 1

PRODUCT FEATURE
BR2G315R2G35R-SFF

REV.
A1