

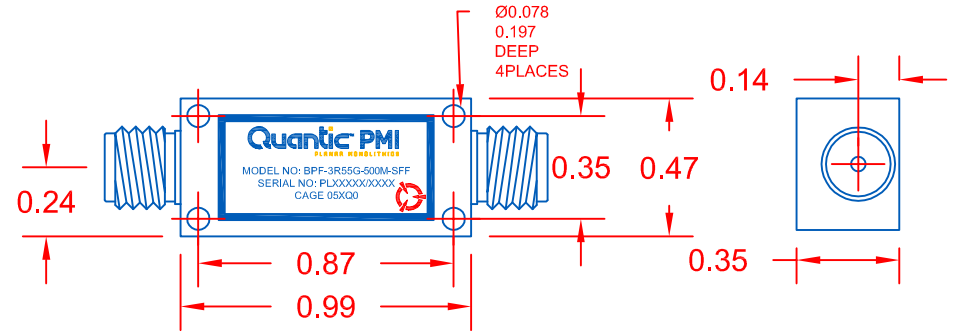
DESCRIPTION

THE MODEL BPF-3R55G-500M-SFF IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 3.550 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.9 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH SMA CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	05/14/21	

SPECIFICATIONS

- FREQUENCY RANGE(3dB BANDWIDTH):—3.3 TO 3.8 GHz
- INSERTION LOSS @ 3.55 GHz: ————— 1.9 dB MAX
- PASS BAND RIPPLE:————— ± 0.5 dB TYP, ± 0.7 dB MAX
- VSWR:————— 1.5:1 MAX
- REJECTION @ 3.0 GHz:————— 40 dBc MIN
- INPUT POWER:————— 1 WATT MAX
- IMPEDANCE:————— 50 OHMS
- CONNECTORS:————— SMA FEMALE
- FINISH:————— PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE:————— -20°C TO +70°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

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Quantic PMI
 PLANAR MONOLITHICS

APPROVALS		DATE	TITLE		
DRAWN <i>MDL</i>		05/14/21	OUTLINE BPF-3R55G-500M-SFF		
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. 27048820
ISSUED			SCALE N:S		SHEET 1 OF 1
					REV. A1