

PMI MODEL: BPF-437D5M542D5M-SFF IS A BANDPASS FILTER WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS:

- PASSBAND FREQUENCY:..... 437.5 MHz TO 542.5 MHz
- CENTER FREQUENCY:..... 490 MHz
- INSERTION LOSS:..... 3 dB MAX
- PASSBAND RIPPLE:..... 0.5 dB MAX
- VSWR:..... 1.6:1 MAX
- REJECTION:..... 25 dB MIN @ DC TO 355 MHz
25 dB MIN @ 595 TO 800 MHz
80 dB MIN @ 1137.5 TO 6000 MHz
- INPUT POWER:..... 5 W CW MAX
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



- TEMPERATURE:.....-40°C TO +70°C (OPERATING)
- 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5010, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED				
	APPROVALS		DATE		TITLE OUTLINE BPF-437D5M542D5M-SFF		
	DRAWN	IC	5/14/2026				
	REDRAWN						
	ISSUED			SIZE	FSCM NO.	DWG NO.	RE
			B	05XQ0.		27055100	A
			SCALE 2:1			SHEET 1 OF 1	