



**TYPICAL CHARACTERISTICS
ON
BPF-5D625G-0D75G-SFF**

**PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER: BPF-5D625G-0D75G-SFF IS A
BANDPASS FILTER WITH A PASSBAND FREQUENCY OF 5.25 GHz TO 6 GHz.**

**Reported By
S. LANGE
TODAYS DATE**

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**TYPICAL CHARACTERISTICS
ON
BPF-5D625G-0D75G-SFF
PRODUCT FEATURE**

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER: BPF-5D625G-0D75G-SFF IS A BANDPASS FILTER WITH A PASSBAND FREQUENCY OF 5.25 GHz TO 6 GHz.

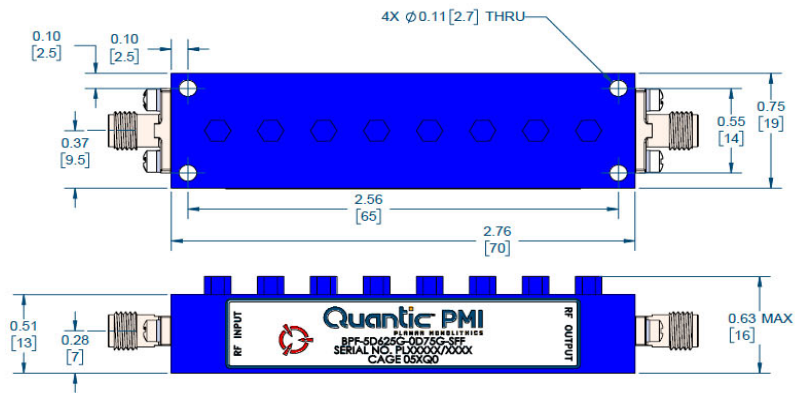
SPECIFICATIONS:

- PASSBAND FREQUENCY:..... 5.25 GHz TO 6 GHz
- INSERTION LOSS:..... 0.7 dB MAX
- VSWR:..... 1.4:1 MAX
- REJECTION:..... 40 dB MIN @ 2.8 GHz TO 3.6 GHz
40 dB MIN @ 8.5 GHz TO 10.5 GHz
- INPUT POWER:..... 20 W MIN
- CONNECTORS(IN/OUT):..... SMA FEMALE
- FINISH:..... PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -20°C TO +65°C

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	08/08/04	



PMI CONFIDENTIAL AND PROPRIETARY

<small>THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08-08-04 BY 60324 EXCEPT WHERE SHOWN OTHERWISE</small>		<small>PART NO.</small> BPF-5D625G-0D75G-SFF	
<small>MATERIAL</small> S LANGE		<small>APPROVALS</small> DATE	
<small>FINISH</small> USED ON		<small>ISSUED</small> DATE	
<small>NEXT ASSY</small> APPLICATION		<small>SIZE</small> B	
		<small>FIGURE NO.</small> 05XQD	
		<small>REV. NO.</small> 27049740	
		<small>SCALE</small> 2:1	
		<small>TITLE</small> OUTLINE	
		<small>REV.</small> A1	
		<small>SHEET</small> 1 OF 1	

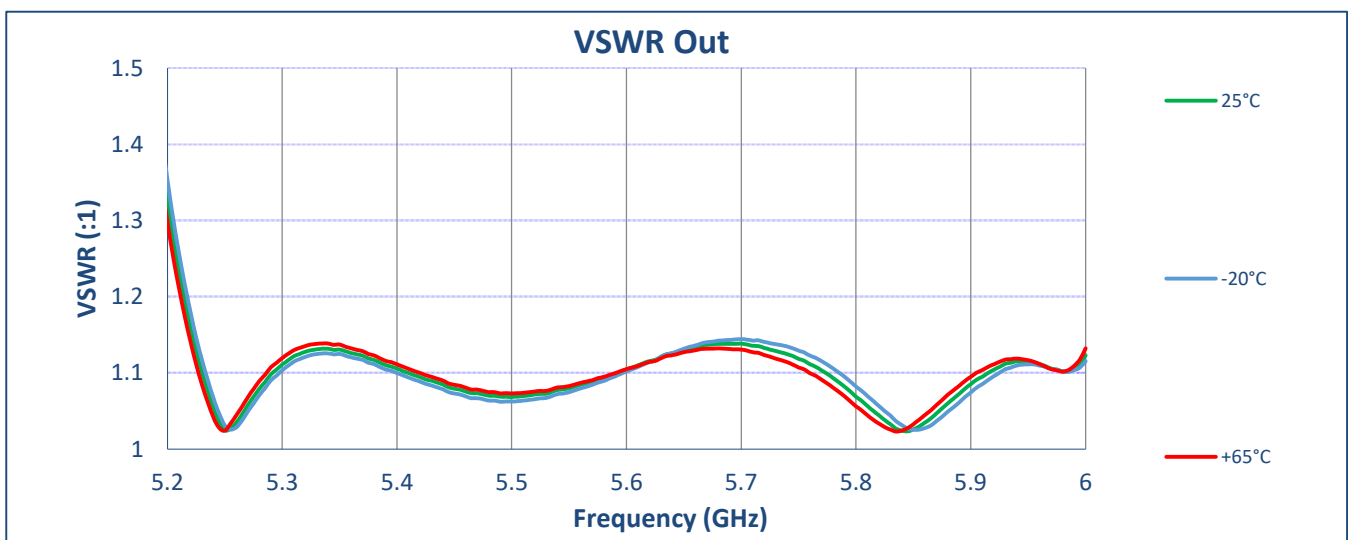
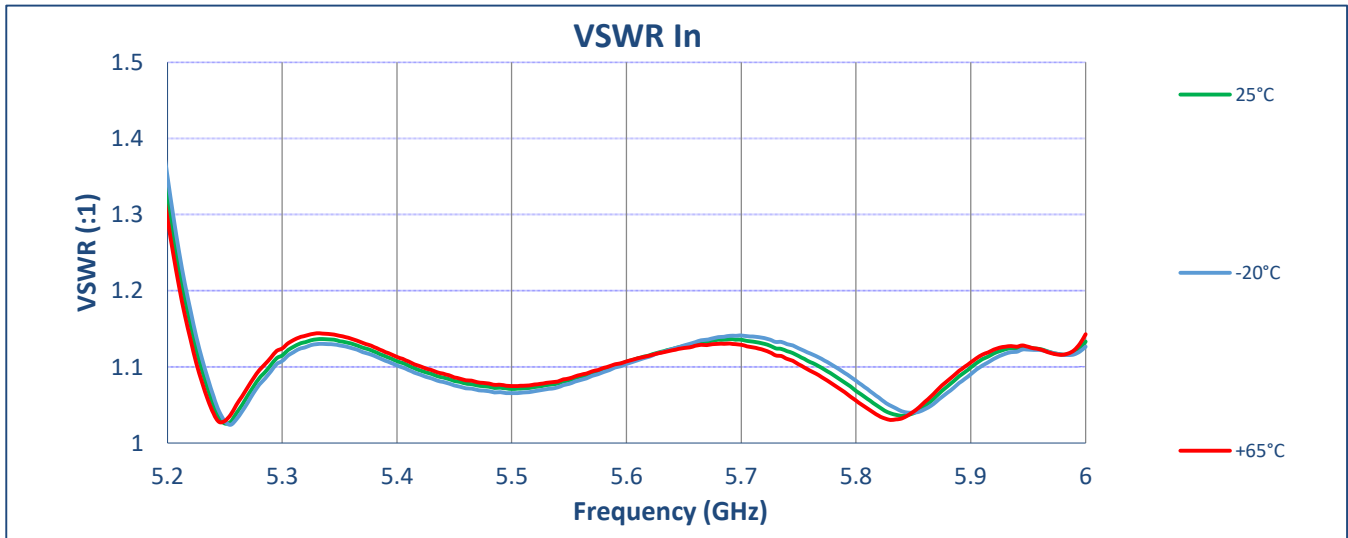
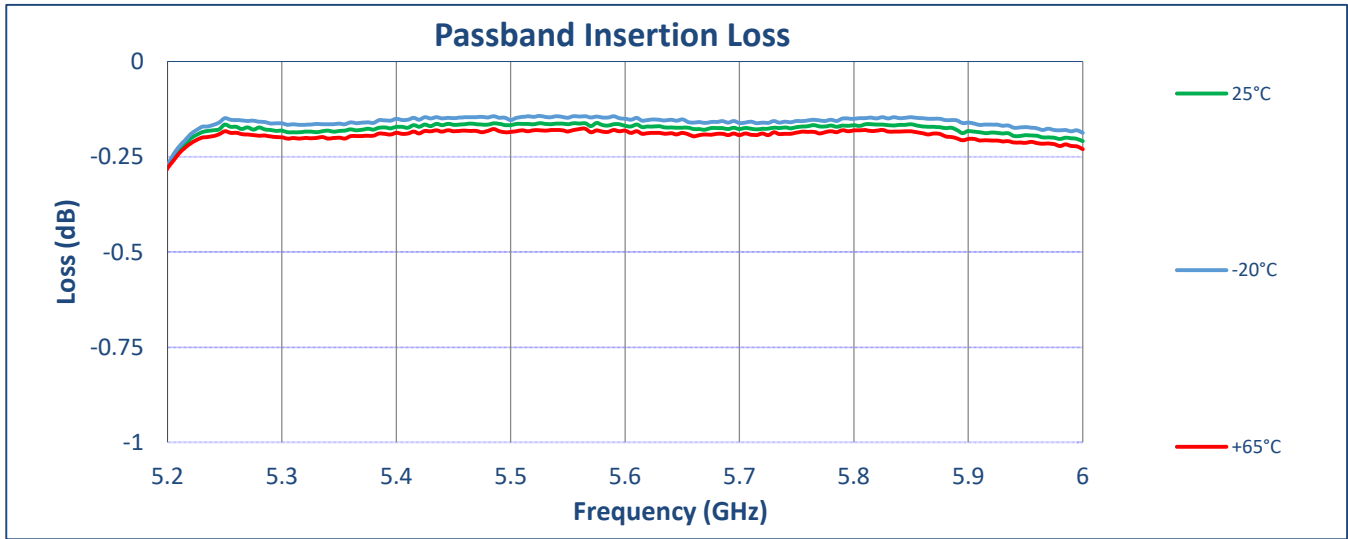
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TEST DATA

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		
			25°C	-20°C	+65°C
1	Passband Frequency Range	5.25 GHz to 6 GHz	5.14 to 6.11 GHz 1 dB Passband	5.15 to 6.11 GHz 1 dB Passband	5.14 to 6.01 GHz 1 dB Passband
2	VSWR	1.4:1 dB Max.	1.32:1	1.14:1	1.3:1
3	Insertion Loss (Passband)	0.7 dB Max.	0.28 dB	0.27 dB	0.28 dB
4	Rejection	40 dB Min., 2.8 GHz to 3.6 GHz	59.7 dB	59.7 dB	59.7 dB
5	Rejection	40 dB Min., 8.5 GHz to 10.5 GHz	84.4 dB	86 dB	84.1 dB

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