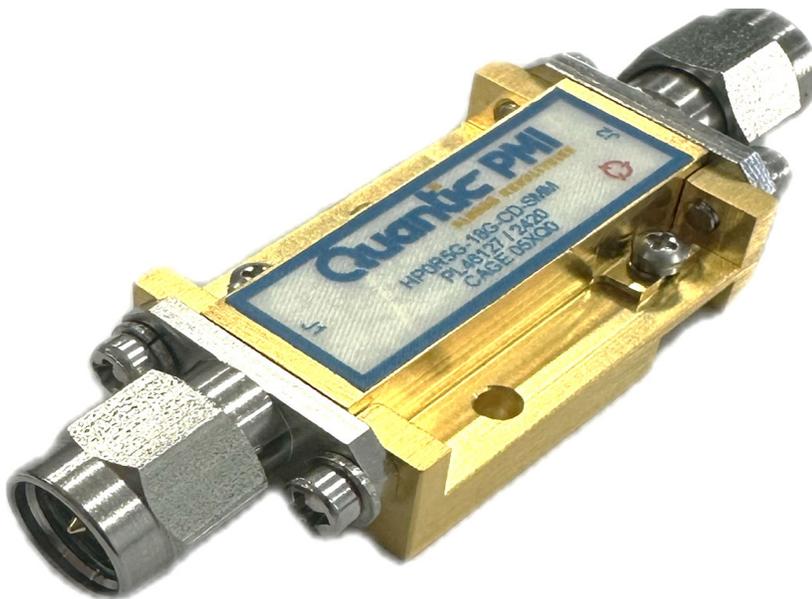


**TYPICAL CHARACTERISTICS
ON
HP0R5G-18G-CD-SMM**

PMI MODEL NUMBER HP0R5G-18G-CD-SMM IS A HIGHPASS FILTER WITH SMA MALE CONNECTORS IN AND OUT.



Reported By Noor Azhar
Tested By Keith Wagaman
Date April 17th 2024

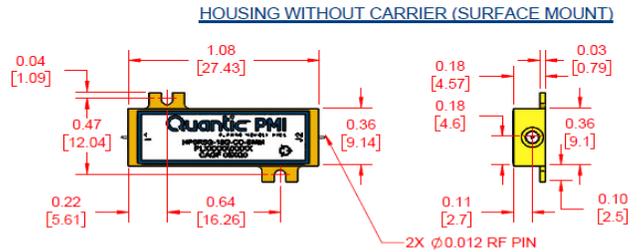
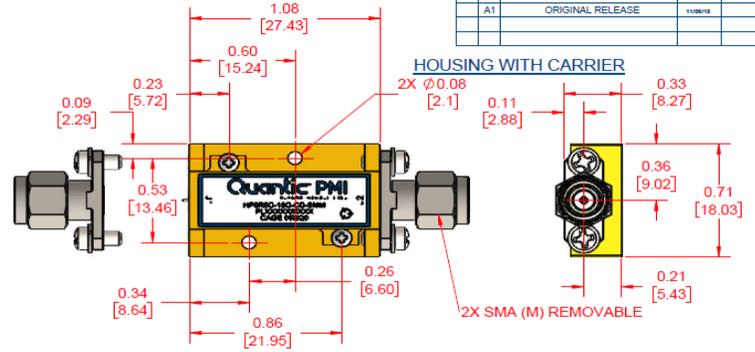
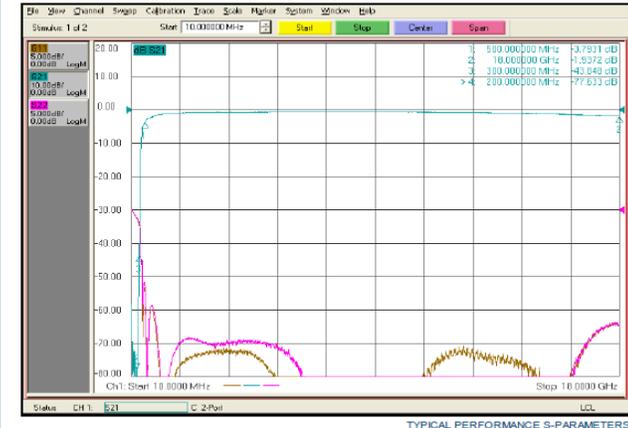
7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@quanticpmi.com

**TYPICAL CHARACTERISTICS
ON
HP0R5G-18G-CD-SMM
PRODUCT FEATURE**

DESCRIPTION:
PMI MODEL NUMBER HP0R5G-18G-CD-SMM IS A HIGHPASS FILTER WITH SMA MALE CONNECTORS IN AND OUT.

SPECIFICATIONS:
PASSBAND..... 0.5 TO 18 GHz
VSWR IN THE PASS BAND..... 2.0:1 MAX
INSERTION LOSS (PASSBAND)..... 5 dB MAX (AT 0.5 GHz)
2 dB MAX (1 TO 16 GHz)
3 dB MAX (16 TO 18 GHz)
REJECTION AT 0.3 GHz..... 40 dB MIN
CONNECTORS..... SMA MALE CONNECTORS
SIZE..... 1.08" (L) X 0.71" (W) X 0.33" (H)
WEIGHT..... 1 OZ. TYP
FINISH..... GOLD PLATED

ZONE/REV.	DESCRIPTION	DATE	APPROVED
A1	ORIGINAL RELEASE	11/06/18	



ENVIRONMENTAL RATINGS:
TEMPERATURE..... -55°C TO +85°C (OPERATING)
-65°C TO +125° (STORAGE)
HUMIDITY..... MIL-STD-202F, METHOD 103B COND. B
SHOCK..... MIL-STD-202F, METHOD 213B COND. B
VIBRATION..... MIL-STD-202F, METHOD 204B COND. B
TEMPERATURE CYCLE..... MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISIONS.

MATERIAL:		DRAWN:		ISSUED:		SCALE:	
		S AZHAR				B	2:1
NEXT ASBY	USED ON	FIGURE	ISSUED	SHEET	FIGURE NO.	DWG NO.	SHEET
				B	D5XQ0	27048080	A1
APPLICATION							



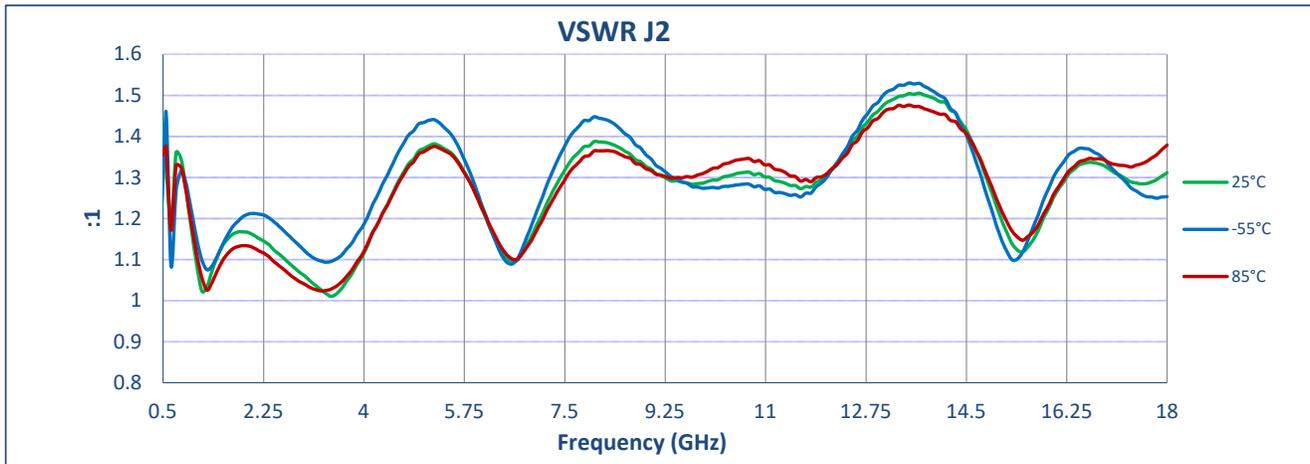
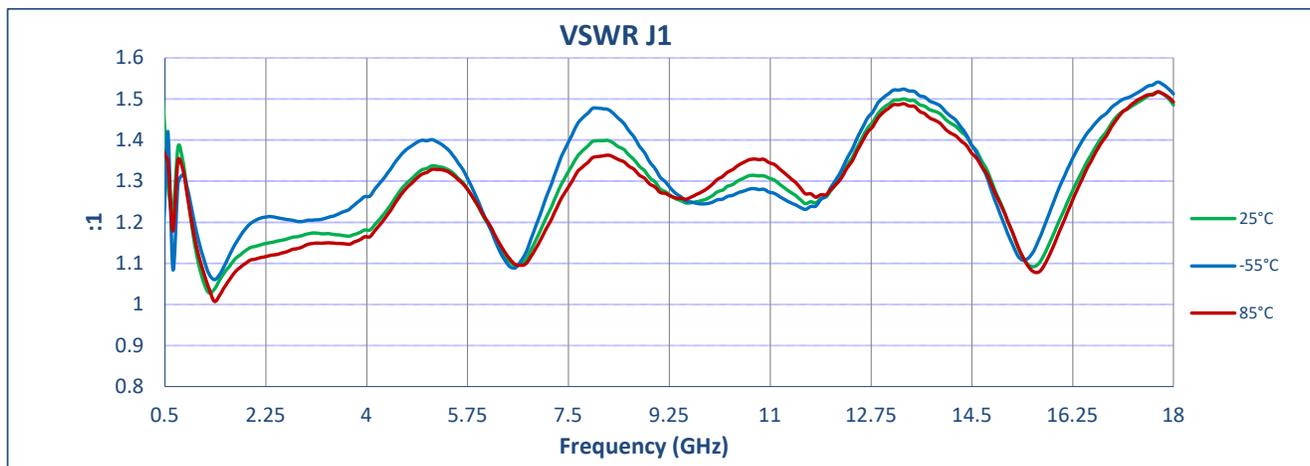
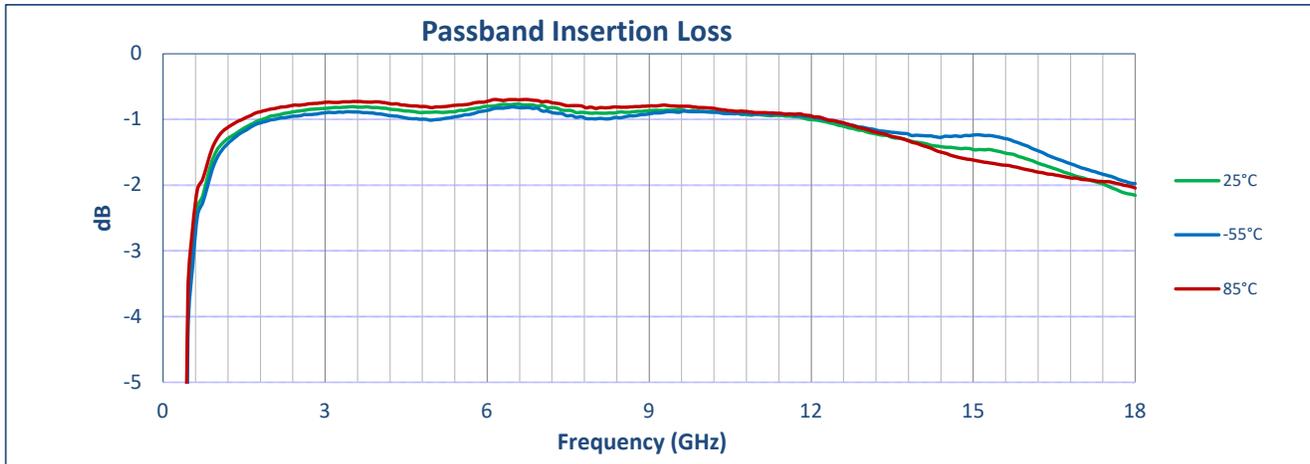
**TYPICAL CHARACTERISTICS
ON
HP0R5G-18G-CD-SMM**

TEST DATA

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS		
			25°C	-55°C	85°C
1	Passband Frequency Range	0.5 GHz to 18 GHz	0.5 GHz to 18 GHz		
2	Insertion Loss	5 dB Max (0.5 GHz) 2 dB Max (1 to 16 GHz) 3 dB Max (16 to 18 GHz)	3.69dB (0.5 GHz) 1.58dB (1-16 GHz) 2.15dB (16-18 GHz)	3.95 dB (0.5 GHz) 1.47 dB (1-16 GHz) 1.98 dB (16-18 GHz)	3.43 dB (0.5 GHz) 1.75 dB (1-16 GHz) 2.04 dB (16-18 GHz)
3	VSWR	2.0:1 Max.	1.65:1	1.62:1	1.67:1
4	Rejection at 0.3 GHz	40 dBc Min.	43.4 dBc	47.3 dBc	46.3 dBc

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