

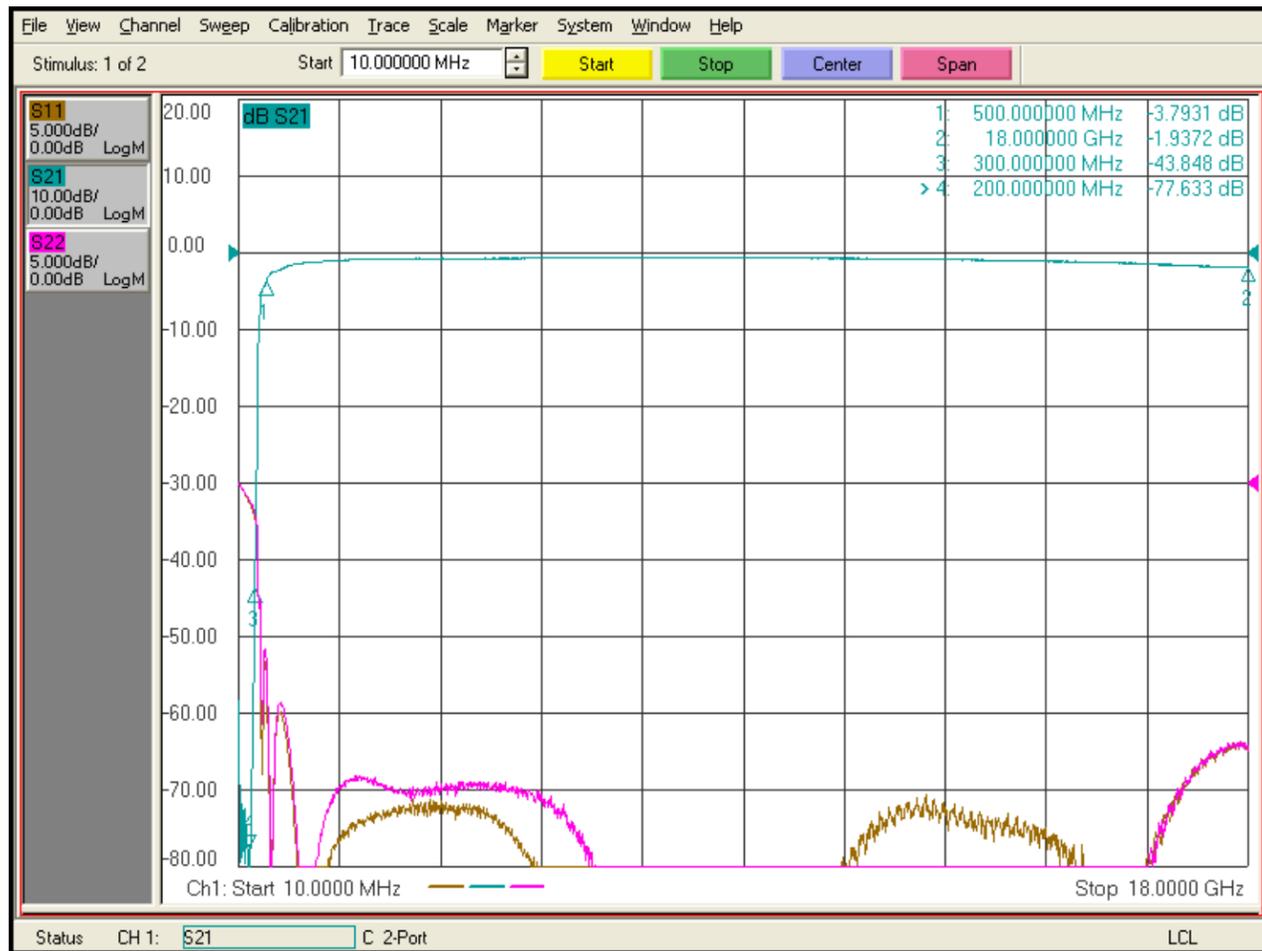
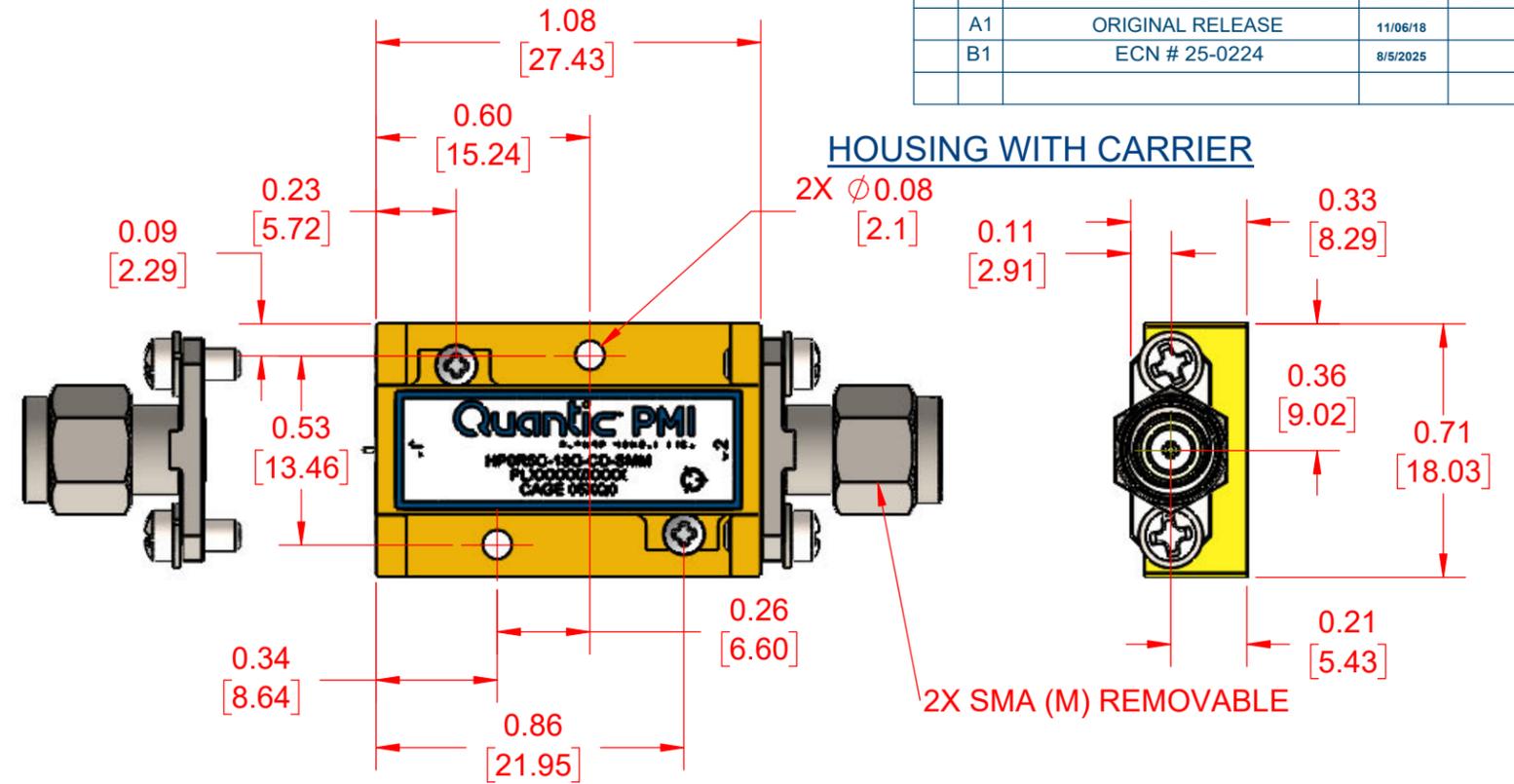
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/06/18	
	B1	ECN # 25-0224	8/5/2025	

DESCRIPTION:

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

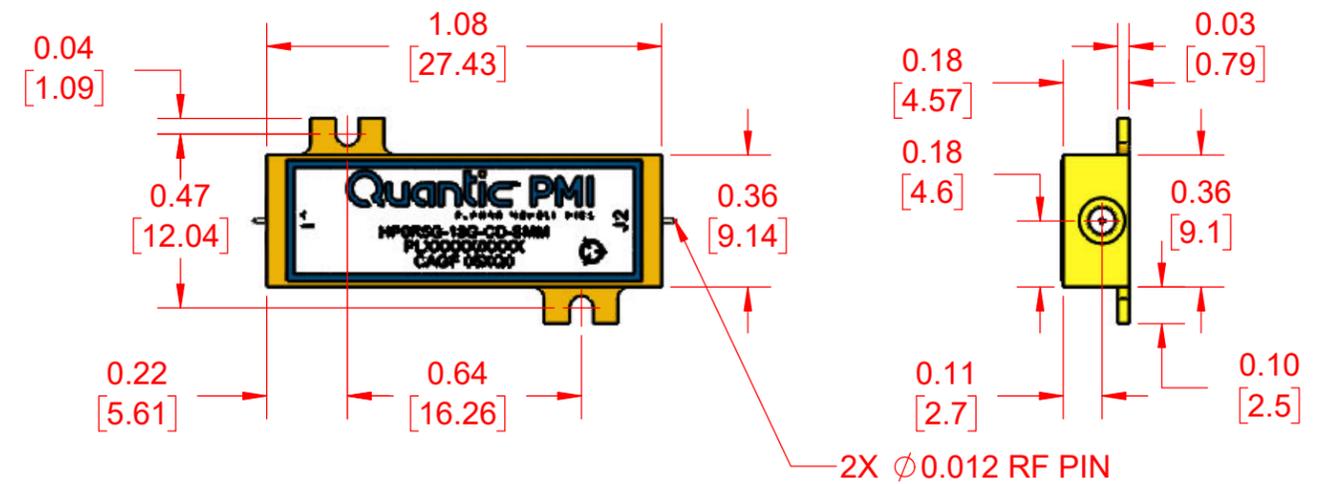
SPECIFICATIONS:

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
 OPERATING INPUT POWER:.....1 WATT CW MAX



TYPICAL PERFORMANCE S-PARAMETERS

HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		PART NO.		APPROVALS		DATE	
FRACTIONS	DECIMALS	ANGLES					
±	.XX ± 0.010	±					
	.XXX ± 0.005						
MATERIAL:		DRAWN		REISSUED		ISSUED	
FINISH:		S AZHAR		1/29/2024			
NEXT ASSY		USED ON		ISSUED		ISSUED	
APPLICATION							
TITLE				OUTLINE			
HP0R5G-18G-CD-SMM				HP0R5G-18G-CD-SMM			
SIZE	FSCM NO.	DWG NO.	REV.				
B	05XQ0	27048080	B1				
SCALE 2:1				SHEET 1 OF 1			



7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA
 TEL: (301) 662-5019, FAX: (301) 662-1731
 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM
 ISO 9001 CERTIFIED