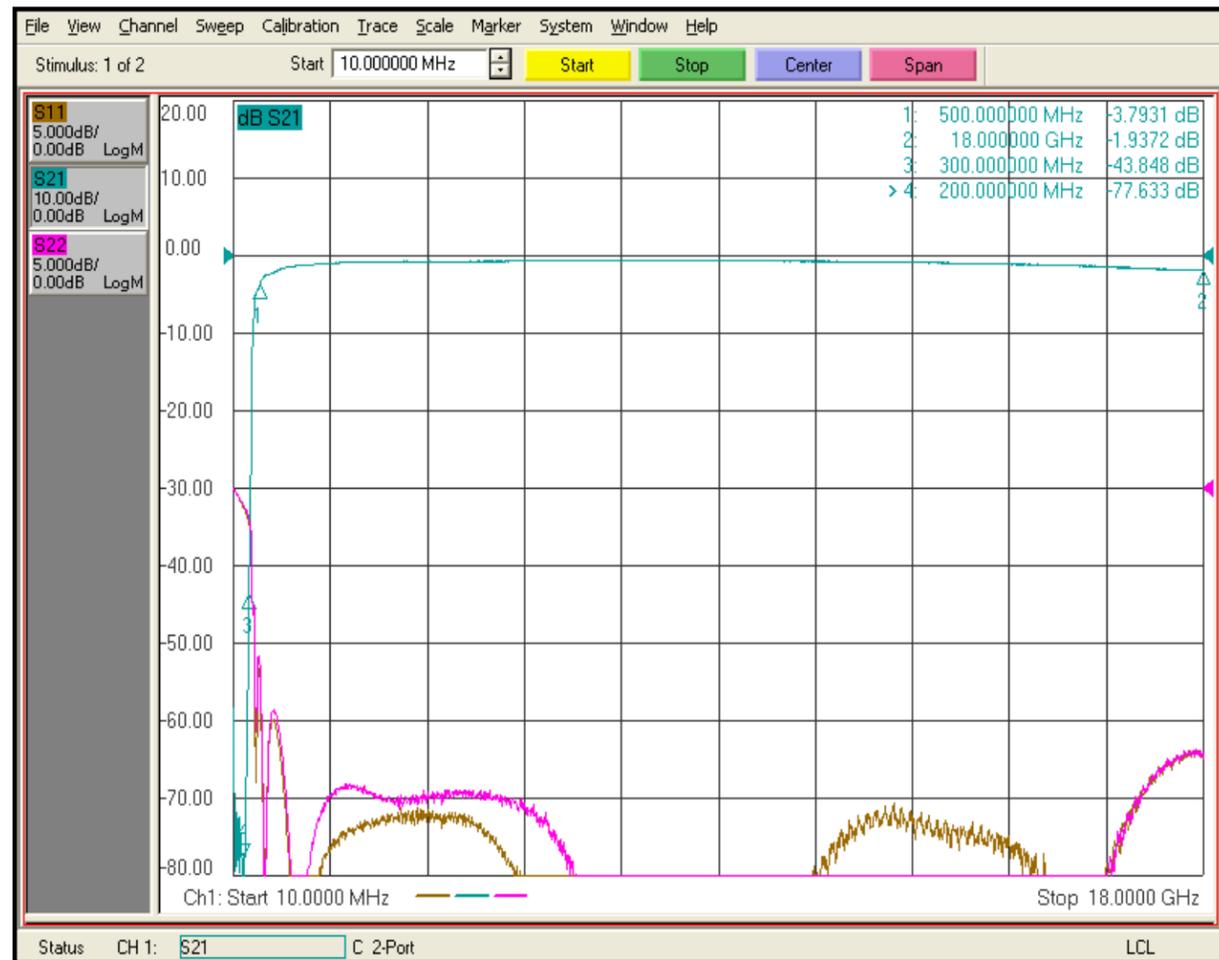


**DESCRIPTION:**

PMI MODEL NUMBER HP0R5G-18G-CD-SFF IS A HIGHPASS FILTER WITH SMA FEMALE 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 FEMALE CONNECTORS  
 SIZE: ----- 1.00" (L) X 0.71" (W) X 0.32" (H)  
 WEIGHT: ----- 1 OZ TYP  
 FINISH: ----- GOLD FINISH  
 OPERATING INPUT POWER: ----- 1 WATT CW MAX



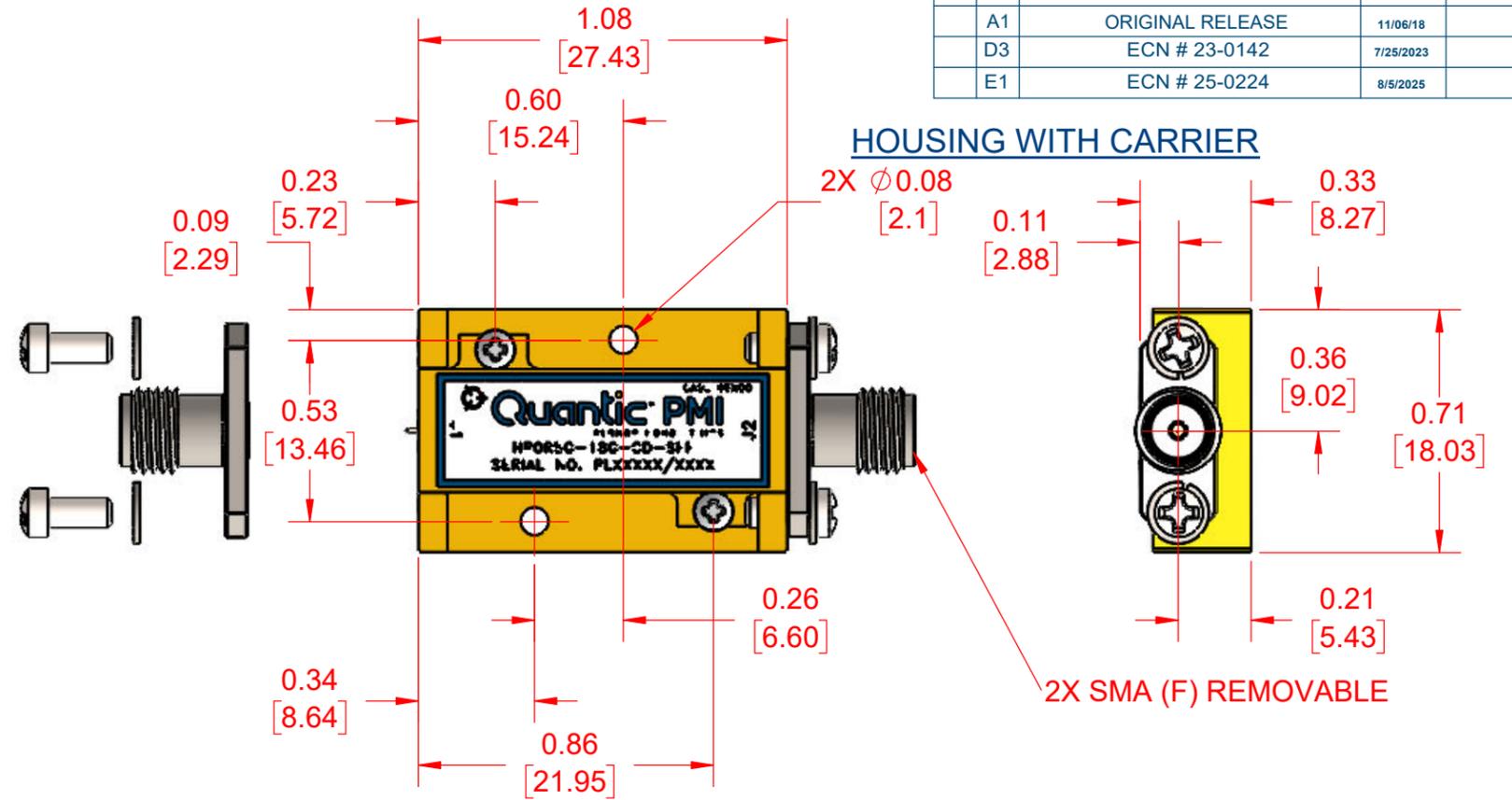
TYPICAL PERFORMANCE S-PARAMETERS

**ENVIRONMENTAL RATINGS:**

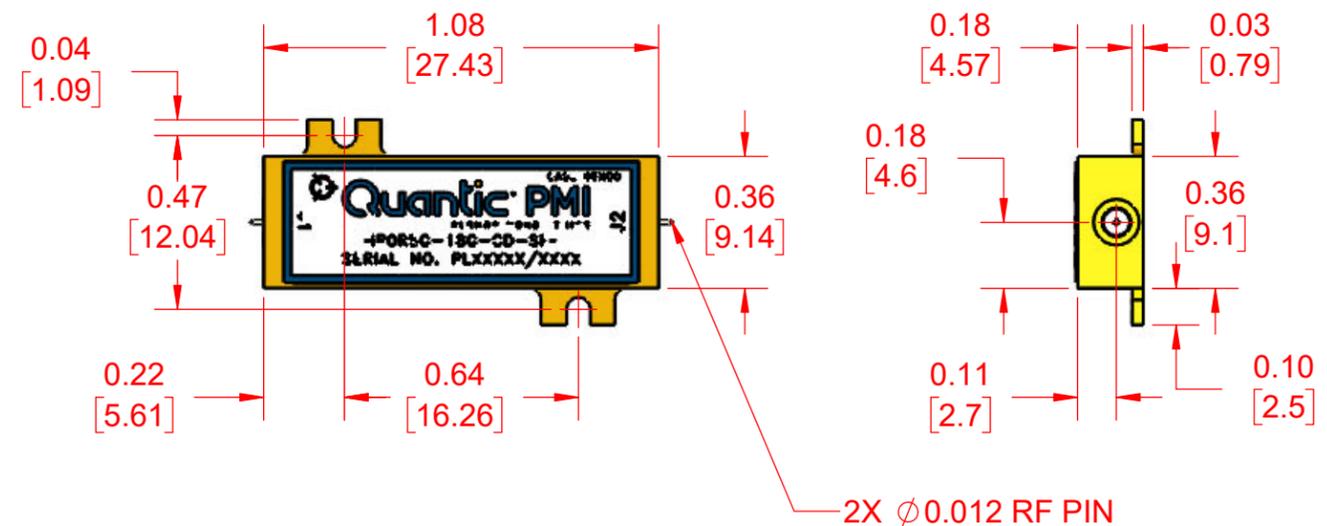
TEMPERATURE: ----- -55°C TO +85°C (OPERATING)  
 ----- -65°C TO +125° (STORAGE)  
 HUMIDITY: ----- MIL-STD-202F, METHOD 103B COND. B  
 SHOCK: ----- MIL-STD-202F, METHOD 213B COND. B  
 VIBRATION: ----- MIL-STD-202F, METHOD 204B COND. B  
 TEMPERATURE CYCLE: ----- MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/06/18	
	D3	ECN # 23-0142	7/25/2023	
	E1	ECN # 25-0224	8/5/2025	



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± XXX ± 0.005		PART NO.		 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 862-5019 FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED	
MATERIAL:		APPROVALS	DATE		
FINISH:		DRAWN	11/6/2018	TITLE	
NEXT ASSY		REDRAWN		OUTLINE	
USED ON		ISSUED		HP0R5G-18G-CD-SFF	
APPLICATION				SIZE	REV.
				B	E1
				FSCM NO.	DWG NO.
				05XQ0	27035801
				SCALE	SHEET
				2:1	1 OF 1