

## DESCRIPTION

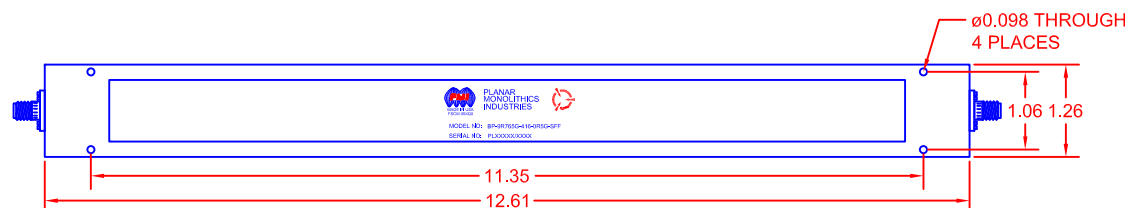
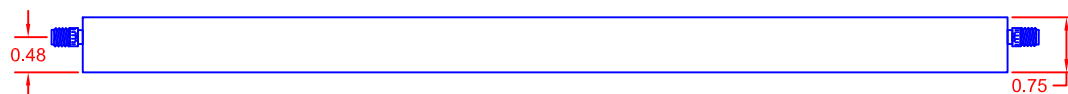
PMI MODEL NO. BP-9R765G-416-0R5G-SFF IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 9.765 GHz. THIS MODEL HAS AN INSERTION LOSS OF 0.5 dB MAXIMUM AND IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/12/2018	

## MECHANICAL OUTLINE

## SPECIFICATIONS

- PASSBAND FREQUENCY: ----- 9.557 TO 9.973 GHz
- INSERTION LOSS @ CENTER FREQUENCY: ----- 0.5 dB MAXIMUM
- VSWR: ----- 1.5:1 MAXIMUM
- REJECTION @ DC TO 9.46 GHz: ----- 30 dB MINIMUM
- REJECTION @ 10.07 GHz: ----- 20 dB MINIMUM
- INPUT POWER: ----- 5 WATTS MAXIMUM
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- SMA FEMALE



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- +20 °C TO +25 °C (OPERATING)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

ALL DIMENSIONS  
ARE IN INCHES [mm]  
TOLERANCES:  
X.XX ±0.020  
X.XXX ±0.010

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

**PMI CONFIDENTIAL AND PROPRIETARY**

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ISO 9001 CERTIFIED



		TITLE  PRODUCT FEATURE BP-9R765G-416-0R5G-SFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>9/12/18</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO.  PRELIMINARY	REV -	
ISSUED		SCALE N:S		SHEET 1 OF 1		