

Band Pass Filter

Design	Chebyshev filter
Center Freq.	9.736 GHz
Freq. Range	9.561 - 9.911 GHz
P / N	BPF09560991-S_A
Version	A



9.561 to 9.911GHz Band Pass Filter Technical Data Sheet

BPF09560991-S\_A

Features

- Design : Cavity
  - Stainless Steel Connectors
  - Low Insertion Loss
- Phase linearity and Amplitude matching
  - RoHS and REACH Compliant
  - High Rejection

Electrical Specifications

# : Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;

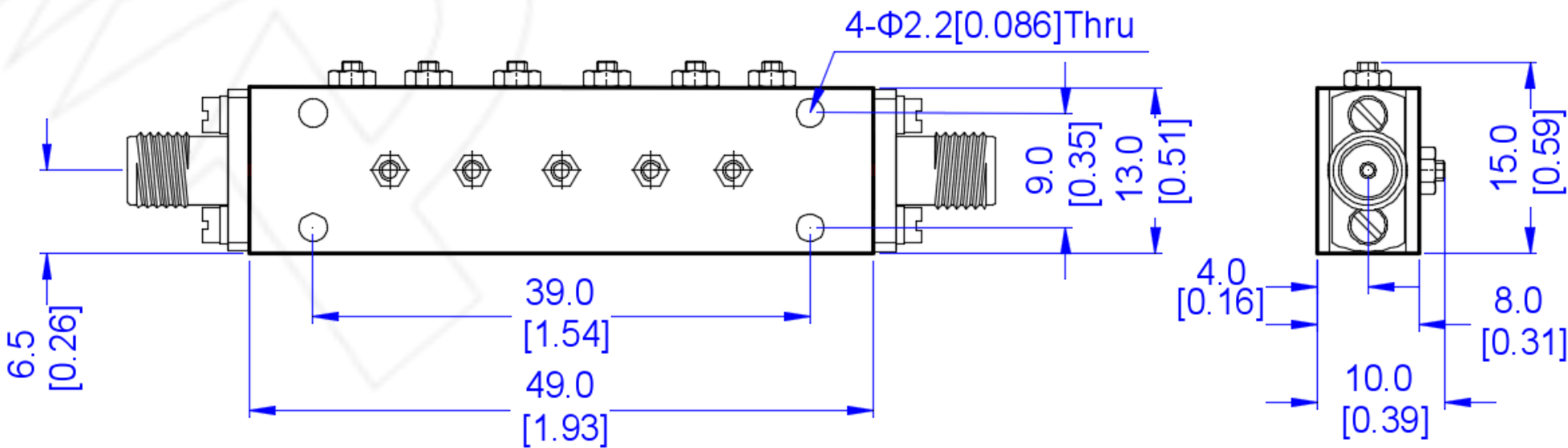
Description	Minimum	Typical	Maximum	Units	Condition
Freq. Range	9.561		9.911	GHz	
Center Freq.		9.736		GHz	
Bandwidth	350			MHz	@-1dB
Insertion Loss			2.0	dB	
Ripple			1	dB	-
Return Loss	12			dB	
Group delay			-	ns	-
Group Delay Variation			-	ns	-
Phase Linearity			-	deg	-
Amplitude Matching			-	dB	-
PIM			-	dBm	-
Rejection	50@DC-8.3G 30@11.2-19.822G [dB min]				
Power			5	W	
Operating Temp.	-10		+50	°C	Relative Humidity 5 to 95%
Additional Conditions					

Mechanical Specifications

Description	Specification	Note
Cavity Material	Aluminum	
Dimension L*W*H	49*13*8 mm	
Input Connector	SMA-Female	Stainless Steel
Output Connectors	SMA-Female	Stainless Steel
Weight	38 g	
Finishing	Paint Black	
Environment	✘	Indoor
RoHS and REACH Compliant	✔	

Outline Drawing

Dimensions are in mm [Inches]  
Tolerances : Outline drawing: ±0.2 [0.008],  
Hole: ±0.2 [0.008]

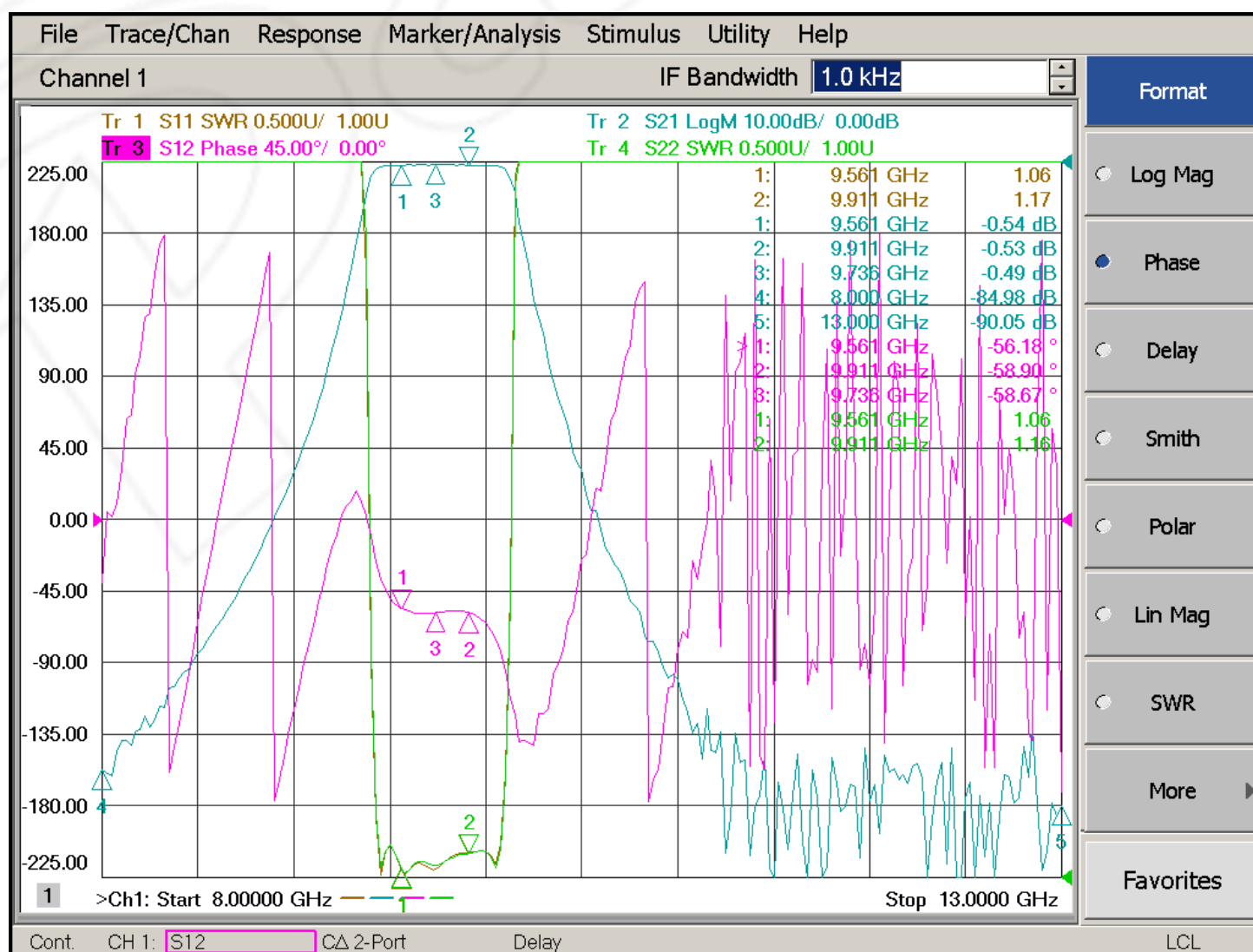
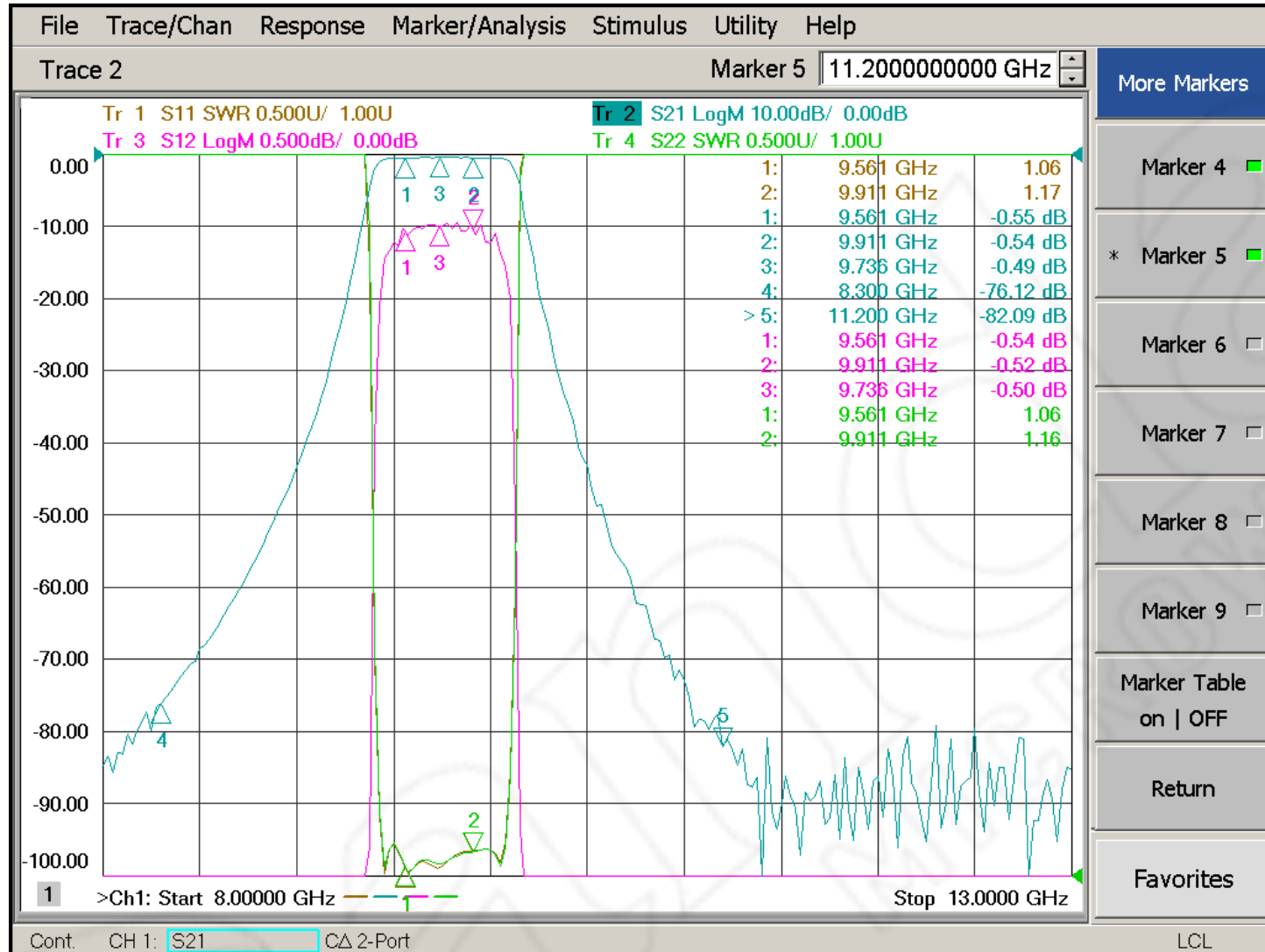


## Test Curve

P / N : BPF09560991-S\_A

Freq. Range : 9.561 - 9.911 GHz

Test Temp. : +25 °C



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BPF180236

