

Product: Band Pass filter

Part Number: LBF-38/42-2S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Center Freq.		40		GHz
2	Pass band	38	-	42	Ghz
3	Insertion Loss at Center Freq.			1.5	dB
4	Rejection	≥50dB@Dc-36Ghz ≥50dB@44-50Ghz			dB
5	VSWR	-		1.5	-
6	Power			1w	W cw
7	Operating Temperature Range	-40	-	+70	°C
8	Impedance	-	50	-	Ω
9	Connecter	2.92-F			
10	Preferred finish	black			

Remarks:

.Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	0°C~+60°C
Storage Temperature	-50°C~+85°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11 msec half sine wave, 3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	stainless steel
Female Contact:	gold plated beryllium bronze
Rohs	compliant
Weight	0.1kg

Outline Drawing:

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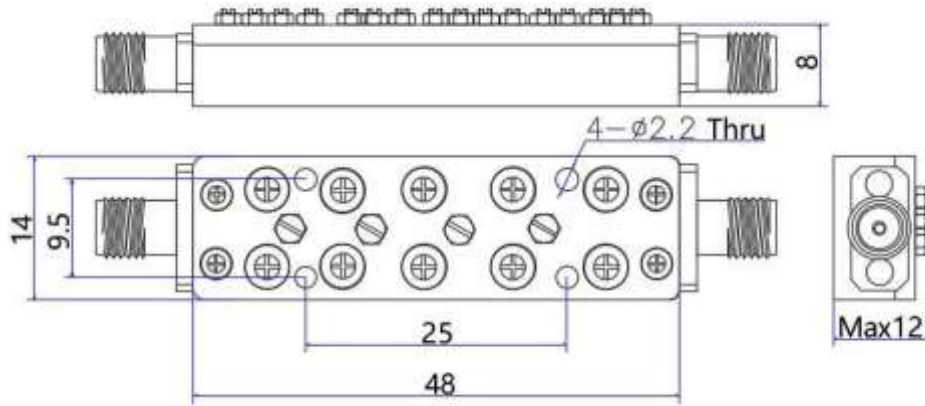
No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm

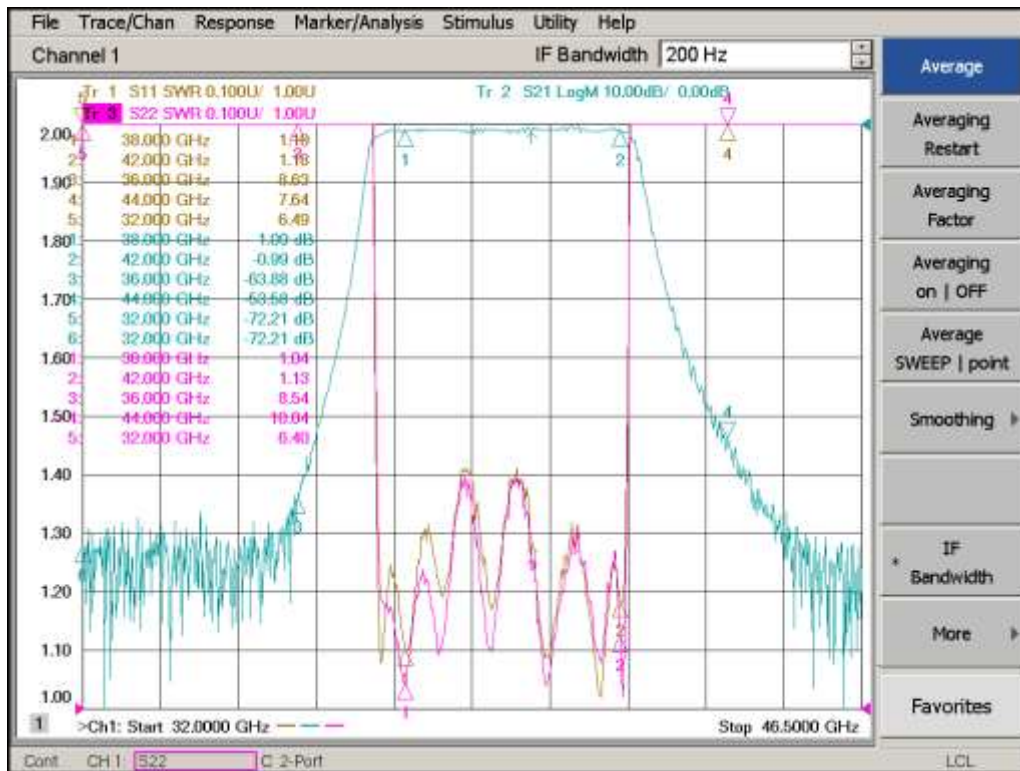
Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: 2.29-Female



Test data



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