

Product: Band Pass filter

Part Number: LBF-12642/100-2S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Center Freq.		12642		MHz
2	Pass band	12592	-	12692	Mhz
3	Insertion Loss at Center Freq.			2	dB
4	Rejection	≥60dB@Dc-12242Mhz, ≥60dB@13042-18000Mhz			dB
5	VSWR	-		1.3	-
6	Power			10w	W cw
7	Operating Temperature Range	-40	-	+70	°C
8	Impedance	-	50	-	Ω
9	Connecter	SMA-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 11msec 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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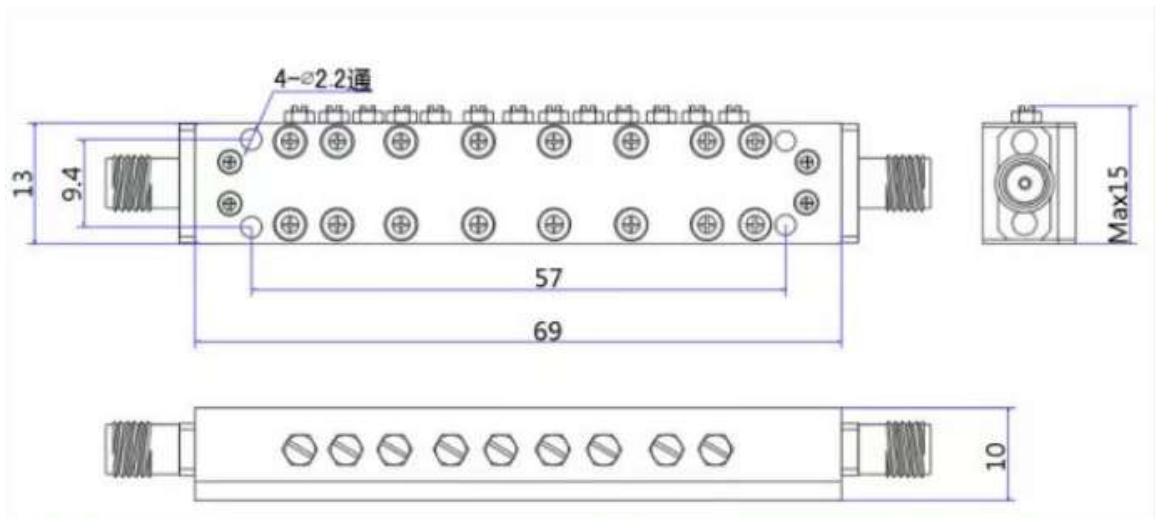
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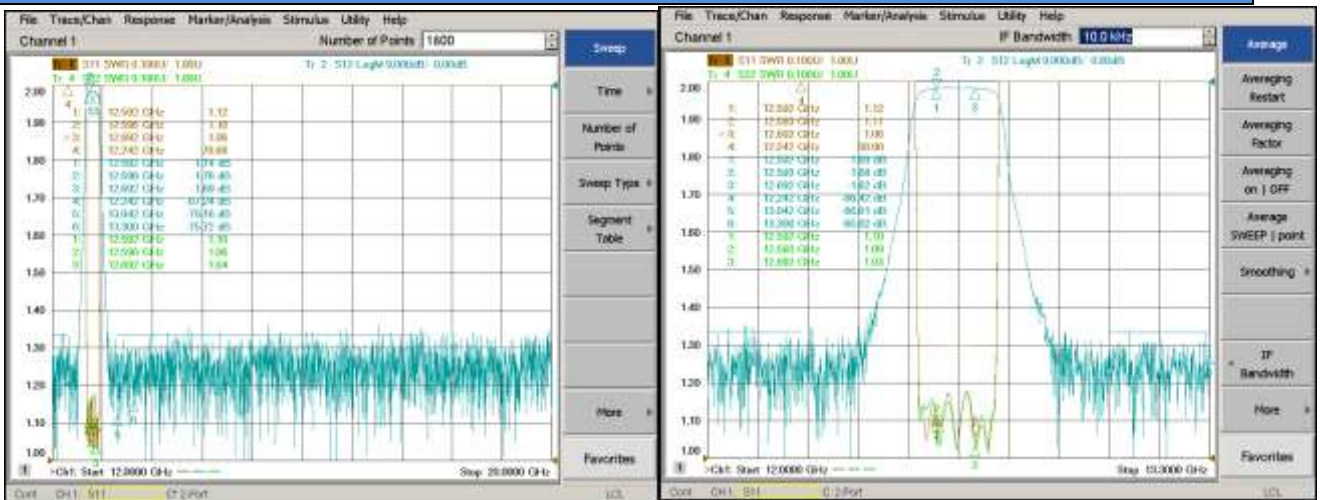
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No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm  
Outline Tolerances  $\pm 0.5(0.02)$   
Mounting Holes Tolerances  $\pm 0.2(0.008)$   
All Connectors: SMA-Female



### Test data



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