

Product: SMD Ceramic Surface-mount
band pass filter



Part Number: LBF-97.5/27-SMD

Specification					
No.	Parameter	Minimum		Maximum	Units
1	Center frequency		97.5		
2	Pass band	84		111	MHz
3	Insertion Loss			2.0	dB
4	Rejection	$\geq 40\text{dB}@ f_0 \pm 37.5\text{MHz}$ $\geq 60\text{dB}@ f_0 \pm 57.5\text{MHz}$ $\geq 60\text{dB}@ f_0 \pm 62.5\text{MHz}$			dB
5	VSWR			1.5	dB
6	Operating Temperature Range	-30	-	+70	°C
7	Impedance	-	50	-	Ω
8	Connector	SMD			
9	Internal welding temperature	$\geq 210^\circ\text{C}$			

Environmental Specifications	
Operational Temperature	-30°C~+70°C
Storage Temperature	-50°C~+85°C
Rohs	compliant
Weight	50g

Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: SMD

成都利德尔科技有限公司 ChengDu Leader Microwave Technology Co.,Ltd

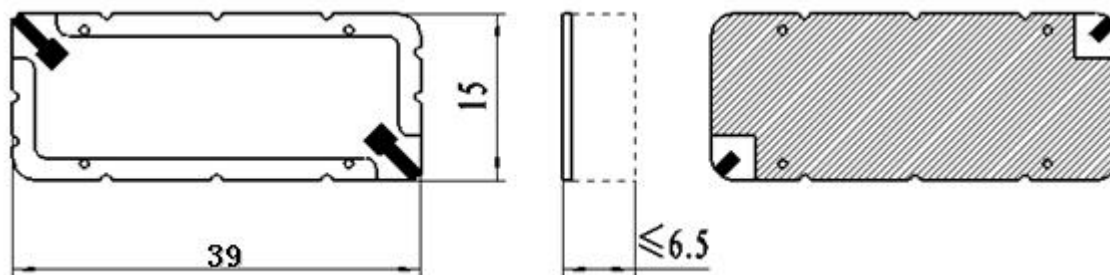
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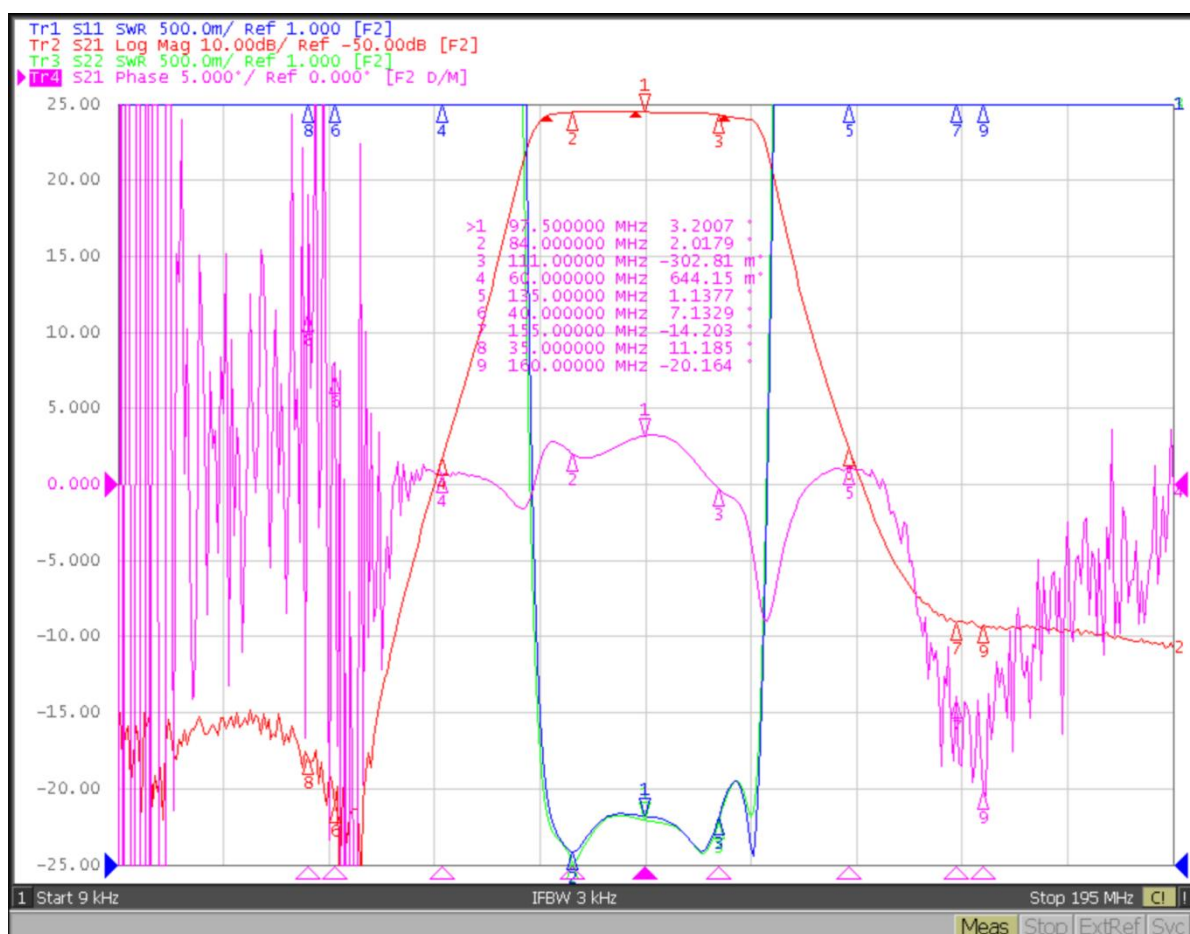
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TEST DATA



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