

LC Band Pass Filter

Preliminary Specifications

Serial	Parameters	
1	Frequency range	87.5-108MHz
2	Return loss	$\geq 15\text{dB}$
3	Insertion loss	$\leq 2.0\text{dB}$
4	Ripple in Band	$\leq 1.0\text{dB}$
5	Rejections	$\geq 60\text{dB}@DC-53\text{MHz}\&143-500\text{MHz}$
6	Impedance all ports	50Ohm
7	Power	50W max
8	Operating Temperature	$-40^{\circ}\text{C}\sim+70^{\circ}\text{C}$
9	Storage Temperature	$-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
10	Connectors	SMA-Female
11	Finish	Conductive oxidation of aluminum
12	Dimension	LxWxH: 60mm x 30mm x 20mm



