

- **Model:** HXLBQ-DTA142-8P
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** Selectable

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet					
Item		Parameters (Optional center frequency)			
1	Center Frequency(F0)	5917MHz	5880MHz	5843MHz	5806MHz
		5769MHz	5732MHz	5695MHz	5658MHz
2	Pass Band Bandwidth	15MHz			
3	Pass Band Insertion Loss	≤2.4dB @ Center Frequency(F0) , ≤2.7dB @ Pass Band Bandwidth			
4	Pass Band VSWR	≤1.3:1			
5	Stop Band Rejection	≥15dB @ Fc±10MHz (Fc is edge Frequency of pass band)			
6	Impedance	50 Ohms			
7	Power	5W Max.			
8	Connectors	SMA-Female			
9	Surface Finish	Painted Black			
10	Temperature Range	+10°C ~ +40°C			
11	Material	Housing: H62 Copper alloy		Connectors: H59 Copper, Plated ternary alloy	
		Cover: H62 Copper alloy		Other screw: Stainless Steel	
		Tuning screw: H62 Copper alloy			
12	Dimensions	105*72*16mm			
13	Net weight	TBD			

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$)

