

- **Model: HXLBQ-DTA735X**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 5637~5643MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	5640MHz
● Pass Band Frequency	5637~ 5643MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.2dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ F0±195MHz (DC ~5445MHz , 5835 ~ 15500MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.15 KG

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*20*16mm |

