

- **Model: HXLBQ-DTA592**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 5685~5686MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	5685.5MHz
● Pass Band Frequency	5685 ~ 5686MHz
● Pass Band Insertion Loss	≤6.0dB
● Pass Band Ripple	≤0.3dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥60dB @ DC ~ 5659MHz ≥60dB @ 5712 ~ 10000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+15°C ~ +30°C
● Net weight	TBD

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)

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|-------------------|----------------------------------|-------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 130*26*17mm |

