

- **Model: HXLBQ-DTA402**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 540~560MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	550MHz
● Pass Band Frequency	540 ~ 560MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.7dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥60dB @ DC ~ 530MHz ≥60dB @ 570 ~ 1500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°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: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 161*82*48mm |

