

- **Model:** HXLBQ-DTA699
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2500~2570MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	2535MHz
● Pass Band Frequency	2500 ~ 2570MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.8dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥90dB @ DC ~ 2430MHz      ≥90dB @ 2640 ~ 4500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Net weight	0.285 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)

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|-------------------|----------------------------------|--|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel                 |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*62*33mm                      |

