

- **Model:** HXLBQ-DTA467X
- ★ **High Stop Band Rejection**
- **Product Name:** Cavity Band Pass Filter
- ★ **Low Pass Band Insertion Loss**
- **Frequency:** 2400~2700MHz
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2550MHz
● Pass Band Frequency	2400 ~ 2700MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥70dB @ DC ~ 2200MHz ≥70dB @ 2900 ~ 5000MHz
● Impedance	50 Ohms
● Power	100W 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: 188*35*30mm |

