

- **Model: HXLBQ-DTA587**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2350~2450MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2400MHz
● Pass Band Frequency	2350 ~ 2450MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.2:1
● Stop Band Rejection	≥55dB @ DC ~ 2230MHz      ≥55dB @ 2570 ~ 7000MHz
● Impedance	50 Ohms
● Power Handling	50W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.17 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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| <ul style="list-style-type: none"> <li>● <b>Material</b></li> <li>● Housing: 6061 Aluminum alloy</li> <li>● Cover: LY12 Aluminum alloy</li> <li>● Tuning screw: H62 Copper alloy</li> </ul> | <ul style="list-style-type: none"> <li>● Connectors: Stainless Steel</li> <li>● Working Environment: Indoor</li> <li>● Dimensions: 143*28*20mm</li> </ul> |
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