

- **Model:** HXLBQ-DTA585
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4250~4350MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	4300MHz
● Pass Band Frequency	4250 ~ 4350MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.3dB
● Pass Band VSWR	≤1.2:1
● Stop Band Rejection	≥55dB @ DC ~ 4050MHz      ≥55dB @ 4550 ~ 7000MHz
● Impedance	50 Ohms
● Power Handling	50W Max.
● Connectors	N-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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 100\*22\*25mm

