

- **Model:** HXLBQ-DTA1133
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 840~845MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	842.5MHz
● Pass Band Frequency	840 ~ 845MHz
● Pass Band Insertion Loss	≤2.5dB
● Pass Band Ripple	≤0.8dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 832MHz ≥40dB @ 853 ~ 2500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°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: ±0.3mm)

- **Material**
 - Housing: Aluminum alloy
 - Cover: Aluminum alloy
 - Tuning screw: Copper alloy
- Connectors: Stainless Steel
- Other screw: Stainless Steel
- Dimensions: 95*65*48mm

