

- **Model:** HXLBQ-DTA411
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1650~1750MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1700MHz
● Pass Band Frequency	1650 ~ 1750MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 1550MHz      ≥40dB @ 1850 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.2 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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Other screw: Stainless Steel
  - Dimensions: 138\*37\*30mm

