

- **Model:** HXLBQ-DTA609
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1235~1265MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1250MHz
● Pass Band Frequency	1235 ~ 1265MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥40dB @ DC ~ 1225MHz      ≥40dB @ 1275 ~ 3000MHz
● Impedance	50 Ohms
● Power Handling	25W 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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 120\*62\*38mm

