

- **Model: HXLBQ-DTA806**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2836~2876MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2856MHz
● Pass Band Frequency	2836 ~ 2876MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 2751MHz ≥60dB @ 2936 ~ 2961MHz ≥60dB @ 2751 ~ 2776MHz ≥80dB @ 2961 ~ 9000MHz
● Impedance	50 Ohms
● Power Handling	5.0W 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*20*20mm

