

- **Model:** HXLBQ-DTA379
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2790~2810MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2800MHz
● Pass Band Frequency	2790 ~ 2810MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 2760MHz      ≥40dB @ 2840 ~ 6000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Male / 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)

- |                   |                                  |  |
|-------------------|----------------------------------|--|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel                 |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 138*35*25mm                      |

