

- **Model: HXLBQ-DTA1227**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 399~401MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	400MHz
● Pass Band Frequency	399 ~ 401MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥40dB @ DC ~ 390MHz ≥40dB @ 410 ~ 1500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Dimensions	153*83*35mm
● Net weight	0.485 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: ±0.3mm)

- | | | |
|-------------------|----------------------------------|-------------------------------------|
| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Resonant column: H59 Copper alloy |

