

- **Model:** HXLBQ-DTA1306
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 440~480MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	460MHz
● 3.0dB Bandwidth	40MHz Min. (440 ~ 480MHz Min.)
● Insertion Loss @ F0	≤1.0dB @ 460MHz
● Return Loss	≥23dB @ 441 ~ 479MHz
● Stop Band Rejection	≥40dB @ DC ~ 430MHz ≥40dB @ 490 ~ 1100MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°C
● Net weight	TBD

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 260*92*35mm |

