

- **Model:** HXLBQ-DTA189
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 420~440MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	430MHz
● Pass Band Frequency	420 ~ 440MHz
● Pass Band Insertion Loss	≤0.6dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥40dB @ Fc±50MHz (DC ~ 370MHz , 490 ~ 900MHz)
● Impedance	50 Ohms
● Power	100W 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)

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|-------------------|----------------------------------|--|
| ● <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: 163*106*45mm                     |

