

- **Model:** HXLBQ-DTA363
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4.775 ~ 5.025GHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	4.9GHz
● 3.0dB Bandwidth	250MHz Max. (4.775 ~ 5.025GHz Max.)
● Pass Band Frequency	4.8 ~ 5.0GHz
● Pass Band Insertion Loss	≤1.0dB @ 4.8 ~ 5.0GHz
● Pass Band Ripple	≤0.4dB @ 4.8 ~ 5.0GHz
● Pass Band VSWR	≤1.22:1 @ 4.8 ~ 5.0GHz
● Stop Band Rejection	≥60dB @ DC ~ 4.6GHz ≥60dB @ 5.2 ~ 8.0GHz
● Impedance	50 Ohms
● Power	40W 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: ±0.3mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 98*52*16mm

