

- **Model:** HXLBQ-DTA463
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 590~600MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	595MHz
● Pass Band Frequency	590 ~ 600MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.6dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥50dB @ DC ~ 575MHz ≥50dB @ 615 ~ 2500MHz
● Impedance	50 Ohms
● Power Handling	30W Max.
● Connectors	N-Male / N-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)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 128*87*60mm

