

- **Model: HXLBQ-DTA343**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 526~534MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	530MHz
● Pass Band Frequency	526 ~ 534MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥40dB @ DC ~ 516MHz ≥40dB @ 544 ~ 1000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	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)

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|-------------------|----------------------------------|--|
| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 122*83*60mm |

