

- **Model: HXLBQ-DTA443**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2496~2570MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2533MHz
● Pass Band Frequency	2496 ~ 2570MHz
● Pass Band Insertion Loss	≤1.2dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥50dB @ DC ~ 2466MHz ≥50dB @ 2600 ~ 6000MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.285 KG

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 | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*62*33mm |

