

- **Model:** HXLBQ-DTA1370
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1488~1512MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1500MHz	
● 3.0dB Bandwidth	24MHz Max. (1488 ~ 1512MHz Max.)	
● Pass Band Bandwidth	5.0MHz (1497.5 ~ 1502.5MHz)	
● Pass Band Insertion Loss	≤2.0dB @ 1497.5 ~ 1502.5MHz	
● Pass Band Ripple	≤0.2dB @ 1497.5 ~ 1502.5MHz	
● Pass Band Return Loss	≥23dB @ 1497.5 ~ 1502.5MHz	
● Stop Band Rejection	≥55dB @ DC ~ 1435MHz	≥55dB @ 1565 ~ 4000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°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: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 70*22*24mm

