

- **Model: HXLBQ-DTA555**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 5031~5090MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5060.5MHz	
● Pass Band Frequency	5031 ~ 5090MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Attenuation	≥80dB @ DC ~ 4925MHz ≥50dB @ 4925 ~ 4971MHz	≥50dB @ 5150 ~ 5196MHz ≥80dB @ 5196 ~ 10000MHz
● Impedance	50 Ohms	
● Power Handling	20W 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: ±0.5mm)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 79*42*19mm

