

- **Model: HXLBQ-DTA507**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3195~3205MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3200MHz	
● Pass Band Frequency	3195 ~ 3205MHz	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥40dB @ DC ~ 3165MHz	≥40dB @ 3235 ~ 8000MHz
● 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: ±0.5mm)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 87*60*19mm

