

- **Model: HXLBQ-DTA991**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 470~490MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	480MHz	
● Pass Band Frequency	470 ~ 490MHz **	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥60dB @ DC ~ 440MHz	≥60dB @ 520 ~ 1960MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	180*70*30mm	
● Net weight	TBD	

**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)

