

- **Model: HXLBQ-DTA693**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3470~3570MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3520MHz	
● Pass Band Frequency	3470 ~ 3570MHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥60dB @ DC ~ 3300MHz	≥60dB @ 3700 ~ 11000MHz
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.163 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)

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|-------------------|----------------------------------|-------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*19*19mm |

