

- **Model: HXLBQ-DTA699**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2500~2570MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2535MHz	
● Pass Band Frequency	2500 ~ 2570MHz **	
● Pass Band Insertion Loss	≤1.3dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥90dB @ DC ~ 2430MHz	≥90dB @ 2640 ~ 4500MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°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	120*62*26mm	
● Net weight	0.285 KG	

** 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)

