

- **Model: HXLBQ-DTA402**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 540~560MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	550MHz	
● Pass Band Frequency	540 ~ 560MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band VSWR	≤1.22:1	
● Stop Band Rejection	≥60dB @ DC ~ 530MHz	≥60dB @ 570 ~ 1500MHz
● 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	161*82*41mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

