

- **Model:** HXLBQ-DTA1421
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5350~5460MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	5405MHz	
● Pass Band Frequency	5350 ~ 5460MHz	
● Pass Band Insertion Loss	≤3.0dB	
● Pass Band Ripple	≤2.0dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥20dB @ DC ~ 5330MHz	≥40dB @ 5490 ~ 12000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	+20°C ~ +30°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)

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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: 78*60*15mm |

