- **Model：HXLBQ-DTA552**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：7987~8087MHz**

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

Technical Data Sheet

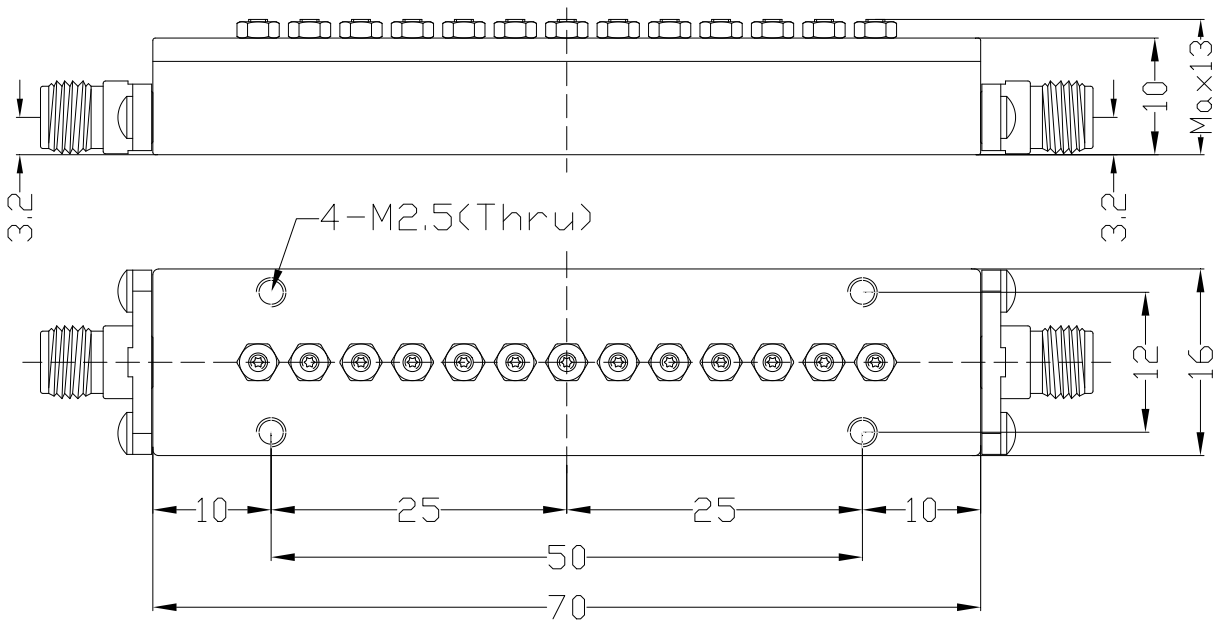
Item	Parameters	
● Center Frequency(F0)	8037MHz	
● Pass Band Frequency	7987 ~ 8087MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 7597MHz	≥40dB @ 8237 ~ 8477MHz
	≥40dB @ 7597 ~ 7837MHz	≥80dB @ 8477 ~ 22000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	0.07 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)

●Material

- ●Housing: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: Stainless Steel
- ●Working Environment: Indoor
- ●Dimensions: 70*16*13mm



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