- **Model：HXLBQ-DTA799**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：25000~35000MHz**

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

Technical Data Sheet

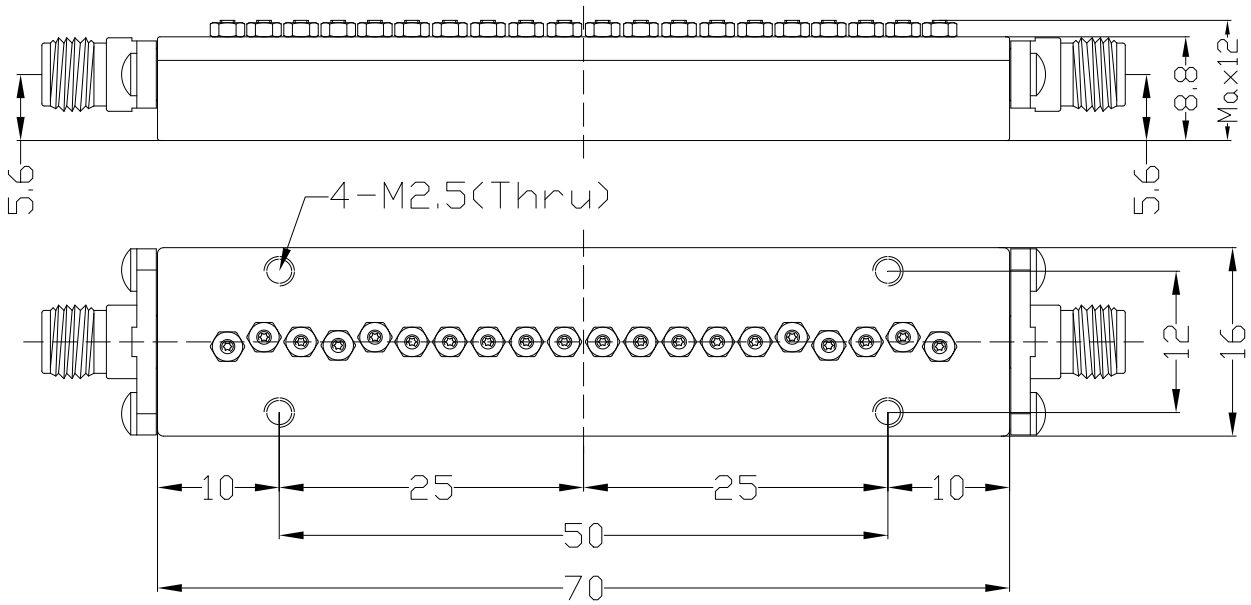
Item	Parameters	
● Center Frequency(F0)	30000MHz	
● Pass Band Frequency	25000 ~ 35000MHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥80dB @ DC ~ 23300MHz	≥50dB @ 36200 ~ 37000MHz
	≥50dB @ 23300 ~ 24000MHz	≥80dB @ 37000 ~ 42000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● 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)

◆Material

- ●Housing: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: Stainless Steel
- ●Working Environment: Indoor
- ●Dimensions: 70*16*12mm



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