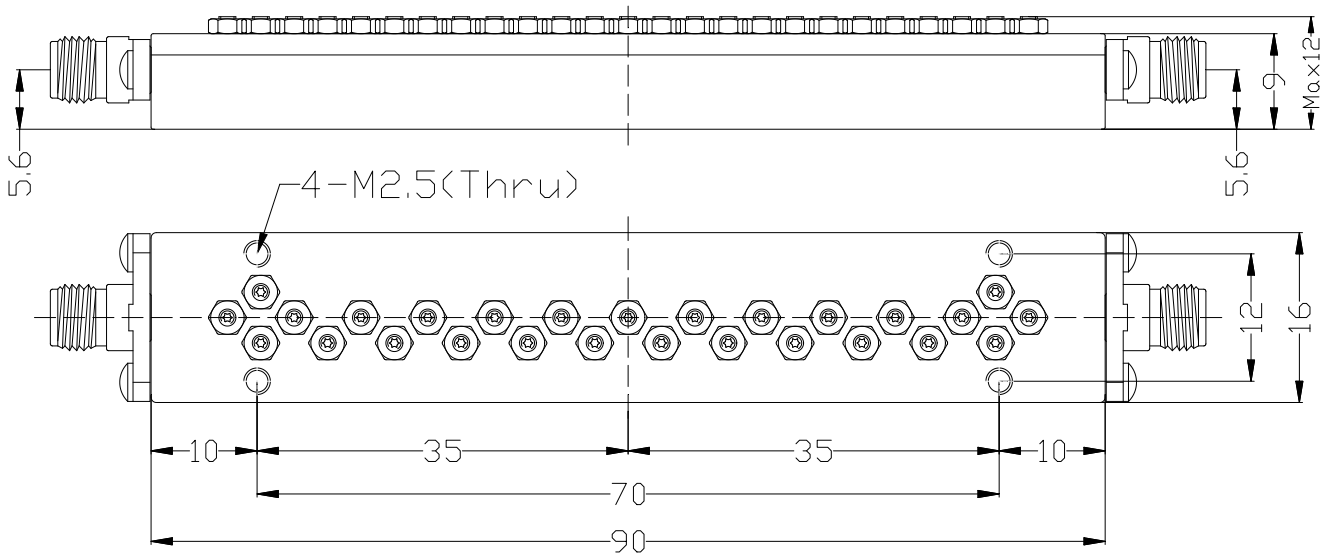
●**Model：HXLBQ-DTA1330**
●**Product Name：Cavity Band Pass Filter**
●**Frequency：7163~8812MHz**

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

Technical Data Sheet		
Item	**Parameters**	
● Center Frequency(F0)	7987.5MHz	
● Pass Band Frequency	7163 ~ 8812MHz	
● Pass Band Insertion Loss	≤0.7dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6288MHz	≥50dB @ 9312 ~ 9537MHz
	≥50dB @ 6288 ~ 6663MHz	≥80dB @ 9537 ~ 25000MHz
● Impedance	50 Ohms	
● Power Handling	10W CW	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	0.087 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: ±0.4mm)

◆Material

●Housing: H62 Copper alloy
●Cover: H62 Copper alloy
●Tuning screw: H62 Copper alloy
●Connectors: Stainless Steel
●Working Environment: Indoor
●Dimensions: 90*16*12mm