- **Model：HXLBQ-DTA384**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：12.45~12.95GHz**

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

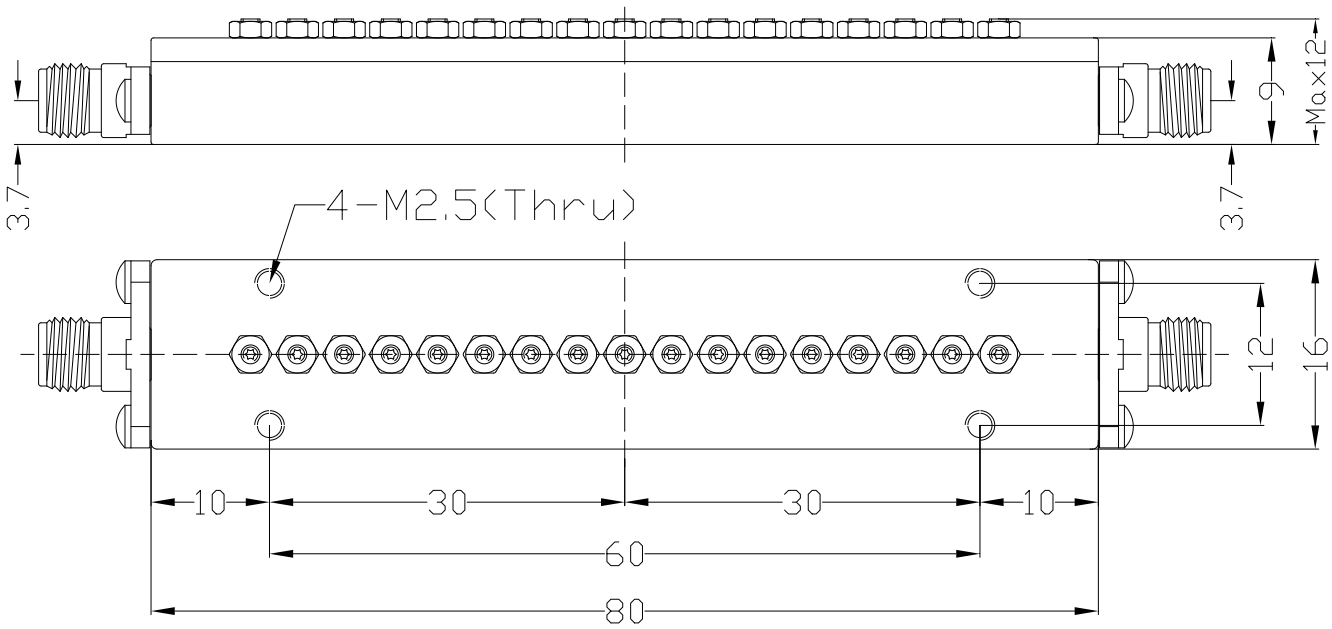
Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	12.7GHz	
● Pass Band Frequency	12.45 ~ 12.95GHz	
● Pass Band Insertion Loss	≤1.35dB (Typical: 1.0dB)	
● Pass Band Ripple	≤0.46dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Attenuation	≥40dB @ DC ~ 12.25GHz	≥40dB @ 13.15 ~ 26GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-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	●Connectors: Stainless Steel
	●Cover: H62 Copper alloy	●Other screw: Stainless Steel
	●Tuning screw: H62 Copper alloy	●Dimensions: 80*16*12mm



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