- **Model：HXLBQ-DTA514**
- **Product Name：Comb Band Pass Filter**
- **Frequency：8.0~9.5GHz**

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

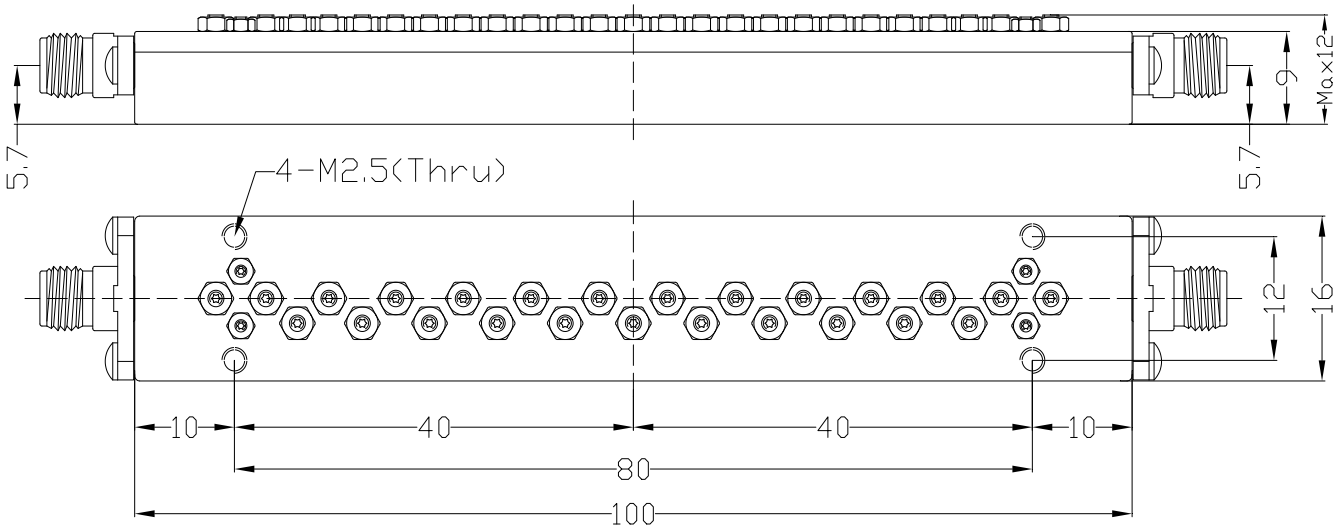
Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	8.75GHz	
● Pass Band Frequency	8.0 ~ 9.5GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 7.35GHz ≥50dB @ 7.35 ~ 7.6GHz	≥50dB @ 9.9 ~ 10.1GHz ≥80dB @ 10.1 ~ 26GHz
● Impedance	50 Ohms	
● Power Handling	5.0W 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	●Working Environment: Indoor
	●Tuning screw: H62 Copper alloy	●Dimensions: 100*16*12mm



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