- **Model：HXLBQ-DTA352**
- **Product Name：Comb Band Pass Filter**
- **Frequency：37.5~44.5GHz**

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

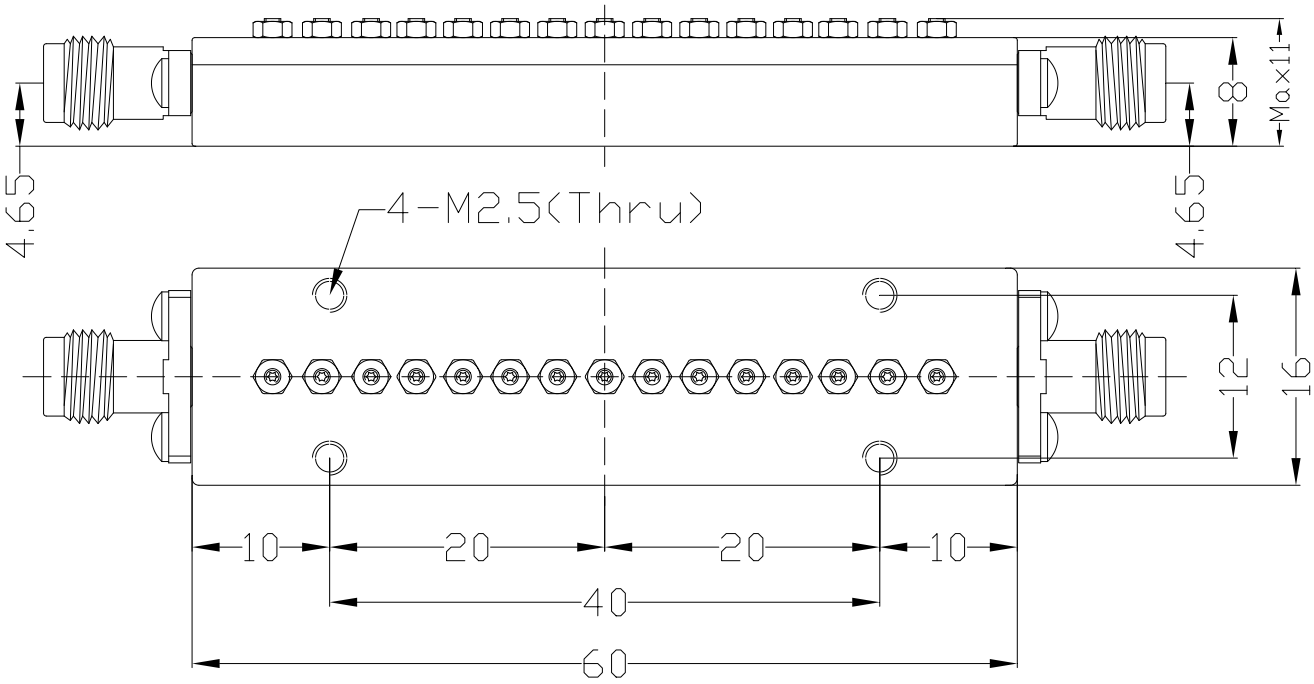
Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	41GHz	
● Pass Band Frequency	37.5 ~ 44.5GHz	
● Pass Band Insertion Loss	≤1.1dB	
● Pass Band Ripple	≤0.37dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥80dB @ DC ~ 35.3GHz	≥70dB @ 47.5 ~ 48GHz ≥80dB @ 48 ~ 54.5GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm-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: 60*16*11mm



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