- **Model：HXLBQ-DTA1066**
- **Product Name：Comb Band Pass Filter**
- **Frequency：25~45GHz**

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

Technical Data Sheet

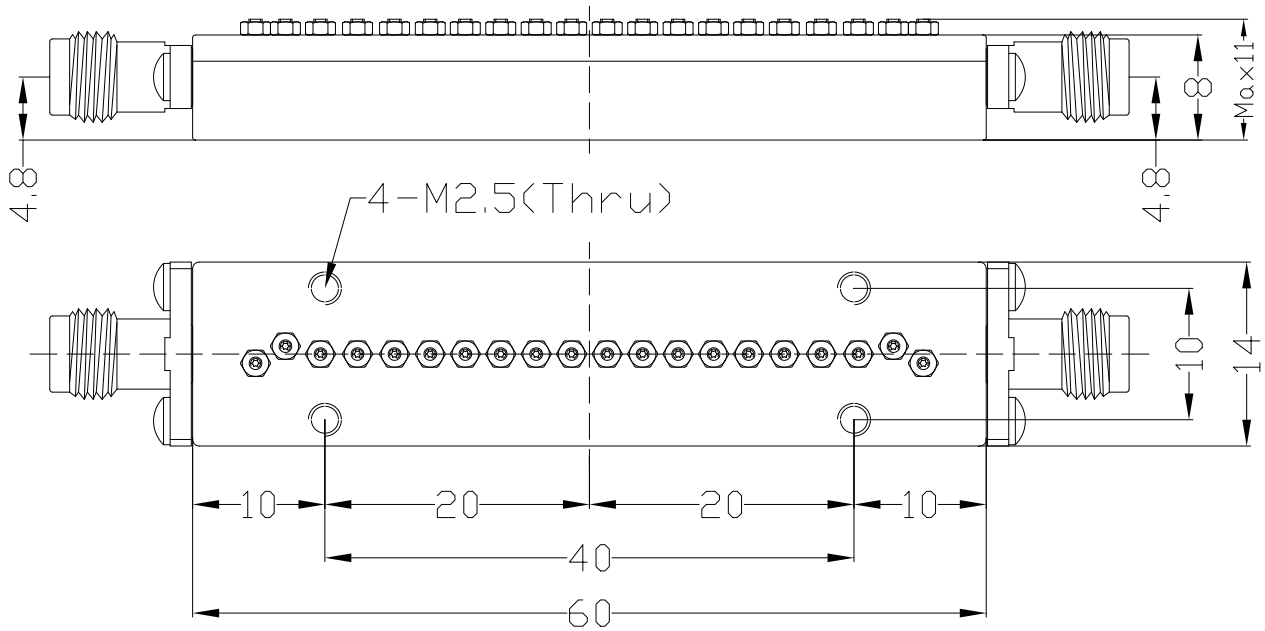
Item	Parameters	
● Center Frequency(F0)	35GHz	
● Pass Band Frequency	25 ~ 45GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥15dB	
● Stop Band Rejection	≥80dB @ DC ~ 22.4GHz ≥50dB @ 22.4 ~ 23.52GHz	≥50dB @ 47 ~ 48.67GHz ≥80dB @ 48.67 ~ 52GHz ≥10dB @ 52 ~ 56GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm(Q)-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: 60*14*11mm



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