- **Model：HXLBQ-DTA1093**
- **Product Name：Comb Band Pass Filter**
- **Frequency：35~55GHz**

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

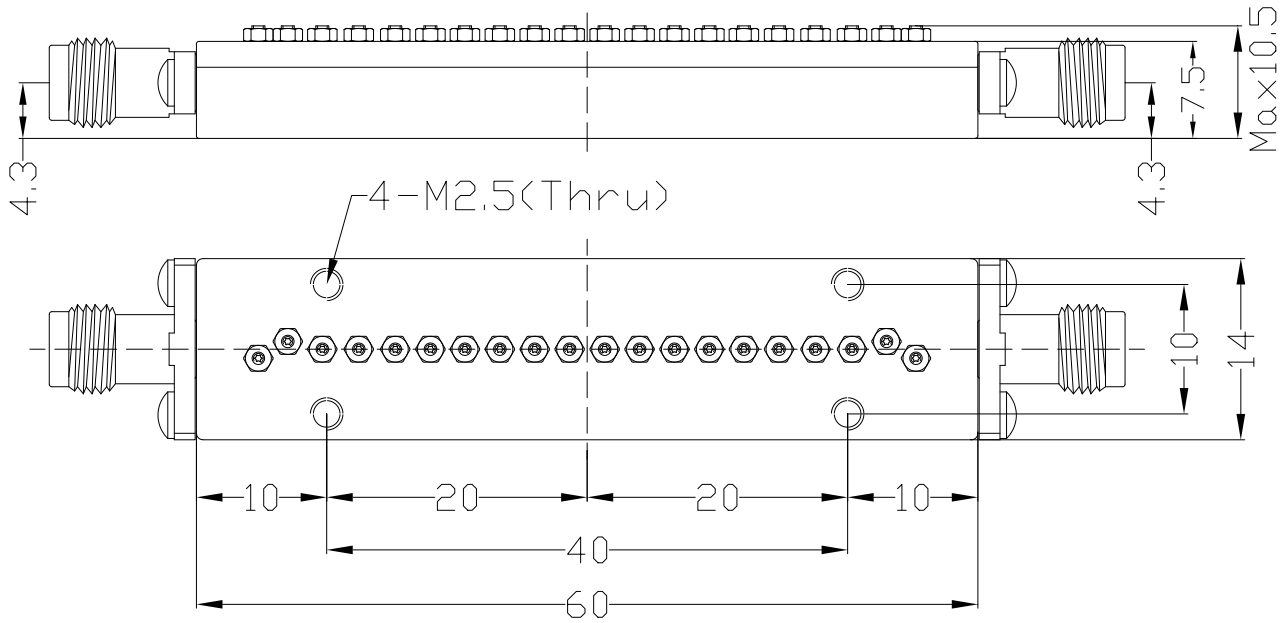
Technical Data Sheet		
Item	**Parameters**	
● Center Frequency(F0)	45GHz	
● Pass Band Frequency	35 ~ 55GHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.55dB	
● Pass Band Return Loss	≥12dB (Typical: ≥14dB)	
● Stop Band Rejection	≥80dB @ DC ~ 32.66GHz	≥14dB @ 56.25 ~ 57.1GHz
	≥50dB @ 32.66 ~ 33.56GHz	≥30dB @ 57.1 ~ 60GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	1.85mm(V)-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
- ●Other screw: Stainless Steel
- ●Dimensions:60*14*10.5mm



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