- **Model：HXLBQ-DTA630**
- **Product Name：Comb Band Pass Filter**
- **Frequency：30~50GHz**

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

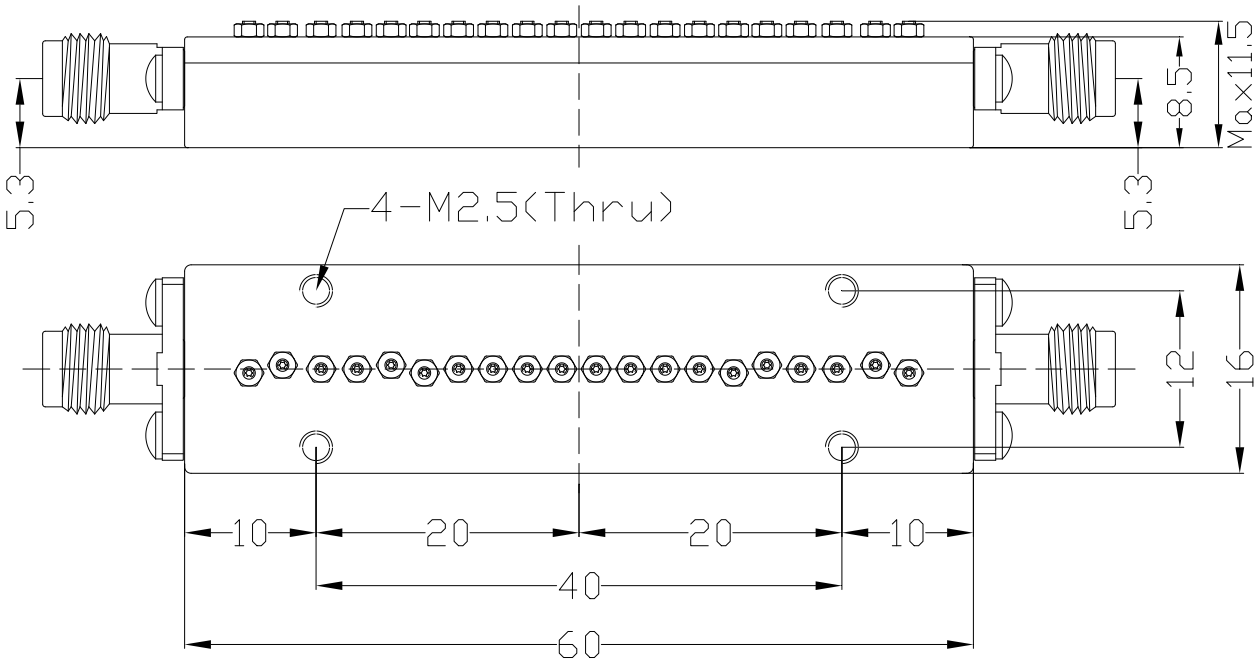
Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	40GHz	
● Pass Band Frequency	30 ~ 50GHz	
● Pass Band Insertion Loss	≤0.85dB	
● Pass Band Ripple	≤0.37dB	
● Pass Band Return Loss	≥16dB	
● Stop Band Rejection	≥80dB @ DC ~ 27.5GHz ≥35dB @ 27.5 ~ 29GHz	≥10dB @ 51 ~ 56GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm(Q)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	0.06 KG	

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: 60*16*11.5mm



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