

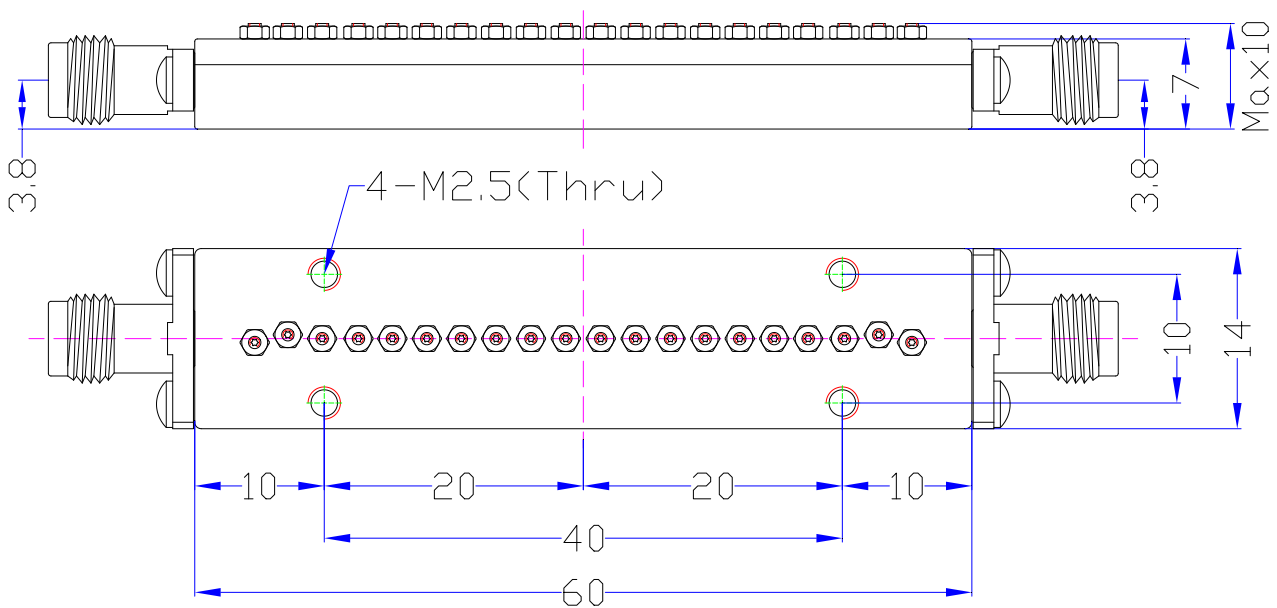
# HXLBQ-DTA879

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	50GHz	
2	Pass Band Frequency	45 ~ 55GHz **	
3	Pass Band Insertion Loss	≤1.9dB	
4	Pass Band Ripple	≤0.75dB	
5	Pass Band Return Loss	≥16dB (Typical: ≥18dB)	
6	Stop Band Rejection	≥80dB @ DC ~ 43.4GHz ≥44dB @ 43.4 ~ 44GHz	≥32dB @ 56 ~ 57.4GHz ≥80dB @ 57.4 ~ 70GHz
7	Impedance	50 Ohms	
8	Power Handling	5W Max.	
9	Connectors	1.85mm(V)-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	60*14*7mm	
14	Net weight	TBD	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



\*\* The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.