

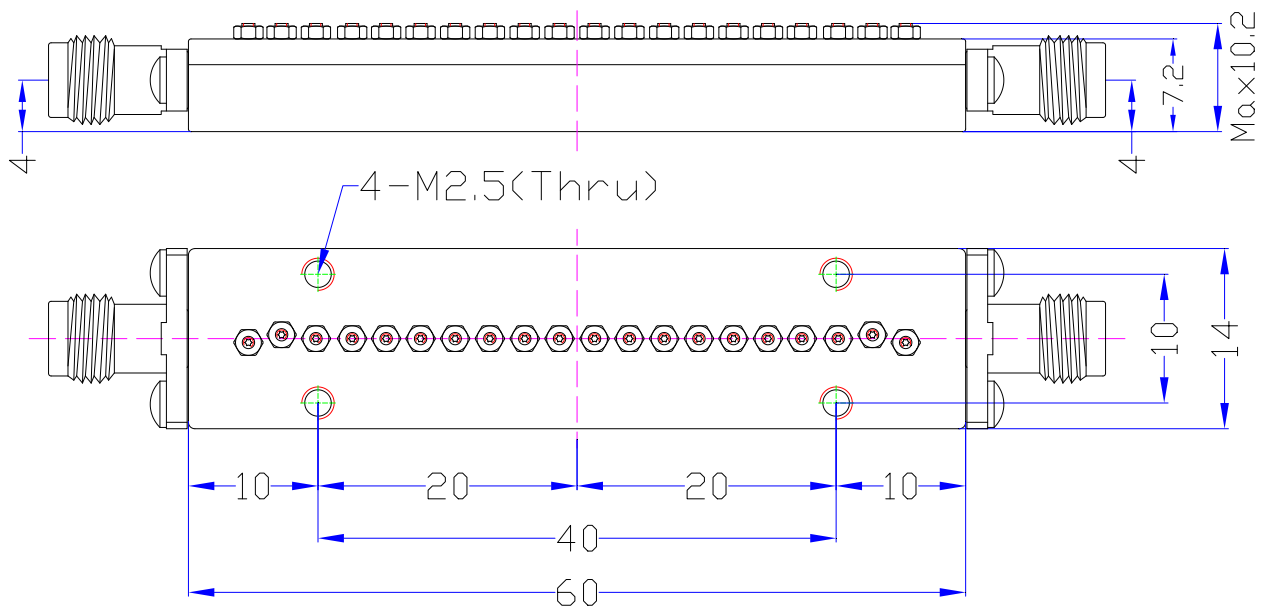
HXLBQ-DTA878

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	40GHz	
2	Pass Band Frequency	35 ~ 45GHz **	
3	Pass Band Insertion Loss	≤1.7dB	
4	Pass Band Ripple	≤0.65dB	
5	Pass Band Return Loss	≥17dB (Typical: ≥18dB)	
6	Stop Band Rejection	≥80dB @ DC ~ 33.4GHz ≥48dB @ 33.4 ~ 34GHz	≥36dB @ 46 ~ 47.05GHz ≥80dB @ 47.05 ~ 66GHz
7	Impedance	50 Ohms	
8	Power Handling	5W Max.	
9	Connectors	2.4mm(Q)-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*7.2mm	
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.