

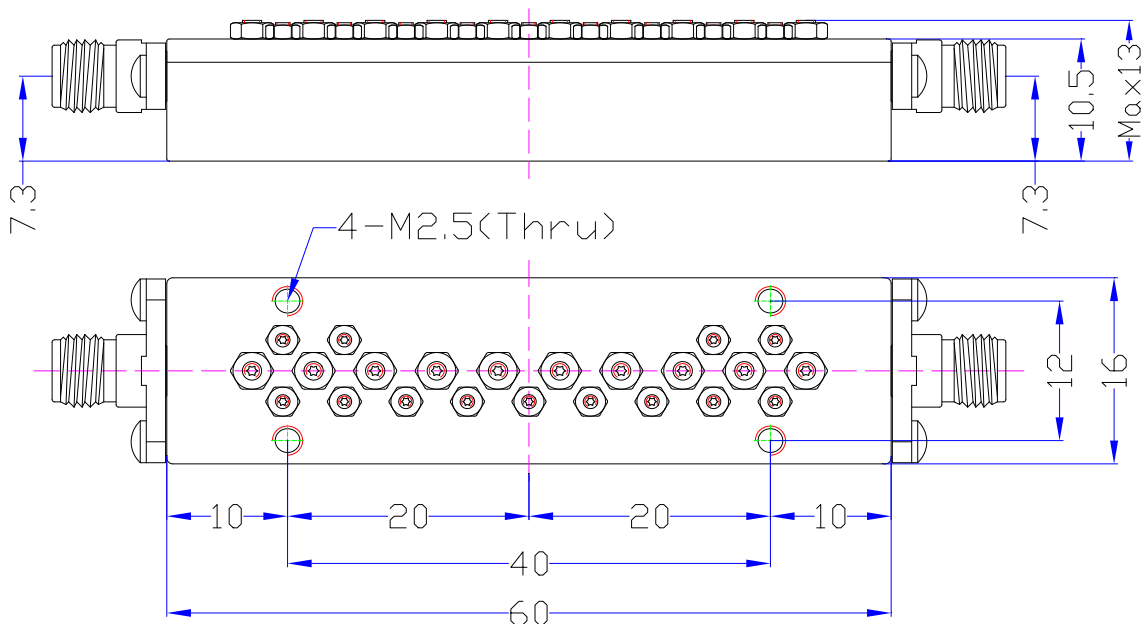
HXLBQ-DTA914

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	7650MHz	
2	Pass Band Frequency	6600 ~ 8700MHz **	
3	Pass Band Insertion Loss	≤0.9dB	
4	Pass Band Ripple	≤0.45dB	
5	Pass Band Return Loss	≥18dB	
6	Stop Band Rejection	≥80dB @ DC ~ 4400MHz ≥50dB @ 4400 ~ 5600MHz	≥50dB @ 9700 ~ 10250MHz ≥80dB @ 10250 ~ 16000MHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
9	Connectors	SMA-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*16*10.5mm	
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.