

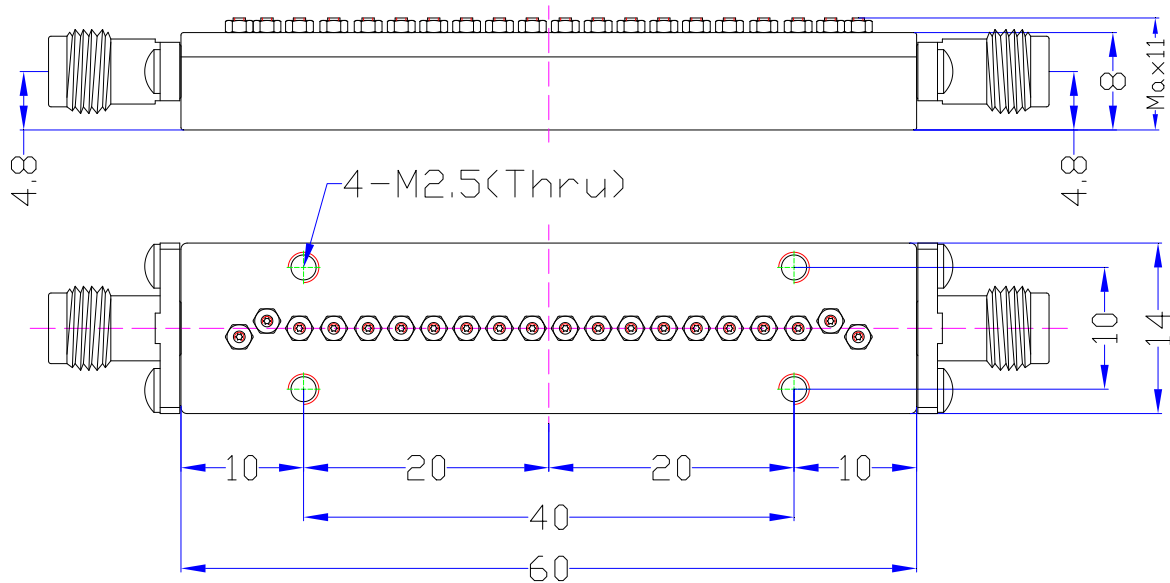
HXLBQ-DTA1066

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	35GHz
2	Pass Band Frequency	25 ~ 45GHz **
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.46dB
5	Pass Band Return Loss	≥15dB (Typical: ≥17dB)
6	Stop Band Rejection	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ≥80dB @ DC ~ 22.4GHz ≥50dB @ 22.4 ~ 23.52GHz </div> <div style="width: 45%;"> ≥50dB @ 47 ~ 48.67GHz ≥80dB @ 48.67 ~ 52GHz ≥10dB @ 52 ~ 56GHz </div> </div>
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 Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	60*14*8mm
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.