

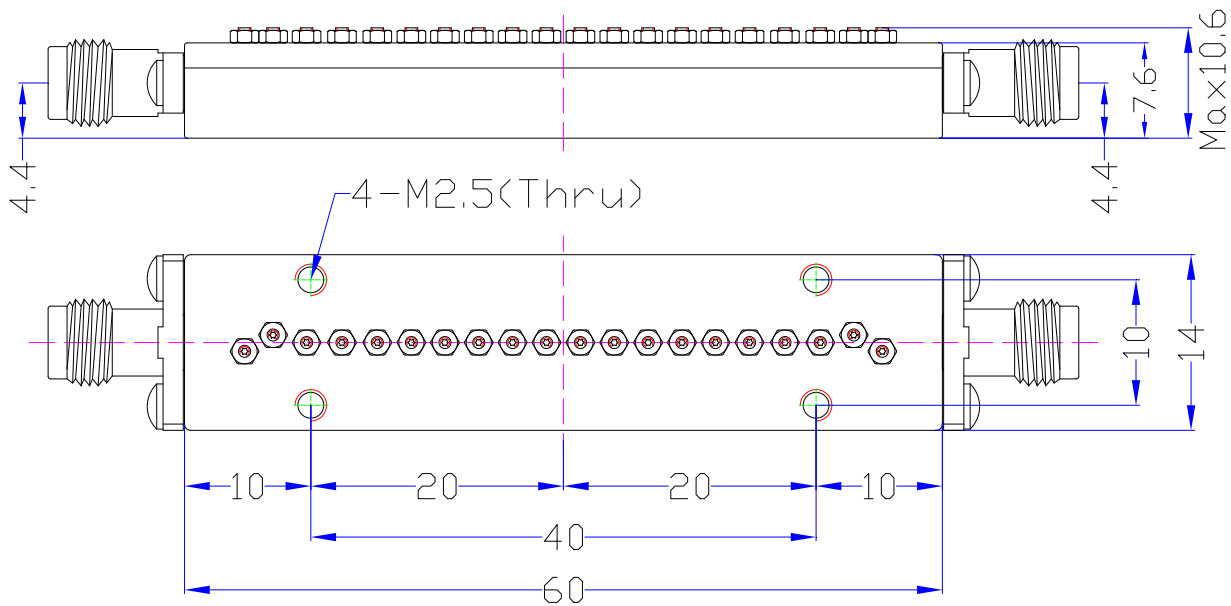
HXLBQ-DTA1022X

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	37.5GHz
2	Pass Band Frequency	30 ~ 45GHz **
3	Pass Band Insertion Loss	≤1.1dB
4	Pass Band Ripple	≤0.48dB
5	Pass Band Return Loss	≥16dB (Typical: ≥18dB)
6	Stop Band Rejection	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ≥80dB @ DC ~ 27.78GHz ≥32dB @ 27.78 ~ 29GHz </div> <div style="width: 45%;"> ≥25dB @ 46 ~ 47.88GHz ≥80dB @ 47.88 ~ 59GHz </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*7.6mm
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.