

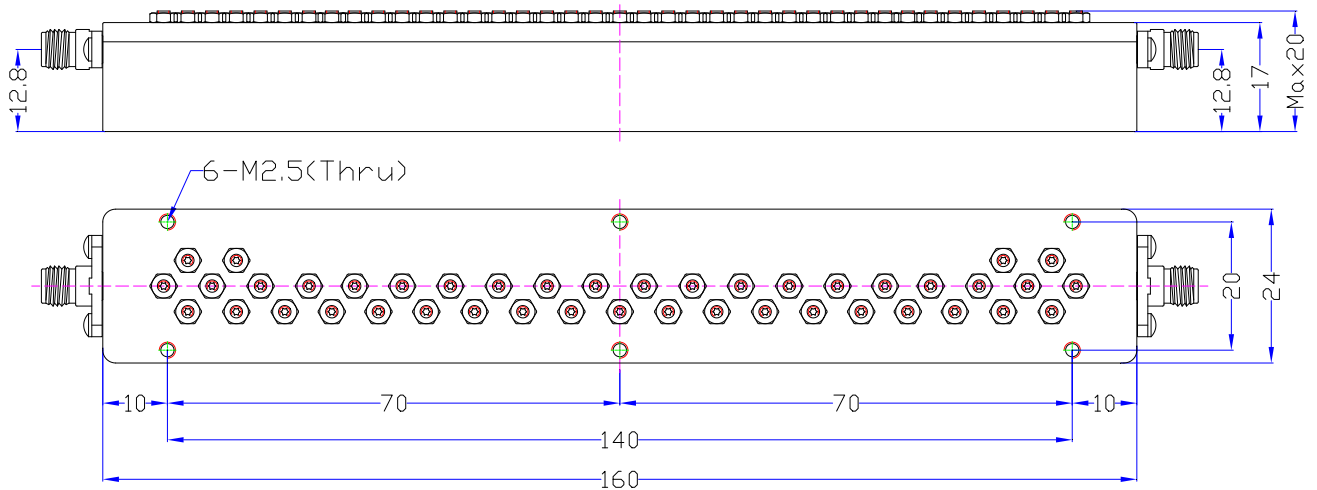
HXLBQ-DTA957

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	3900MHz
2	Pass Band Frequency	3000 ~ 4800MHz **
3	Pass Band Insertion Loss	≤0.9dB
4	Pass Band Ripple	≤0.5dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ≥80dB @ DC ~ 2520MHz ≥70dB @ 2520 ~ 2600MHz </div> <div style="width: 45%;"> ≥80dB @ 5120 ~ 10000MHz </div> </div>
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: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	160*24*17mm
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.