

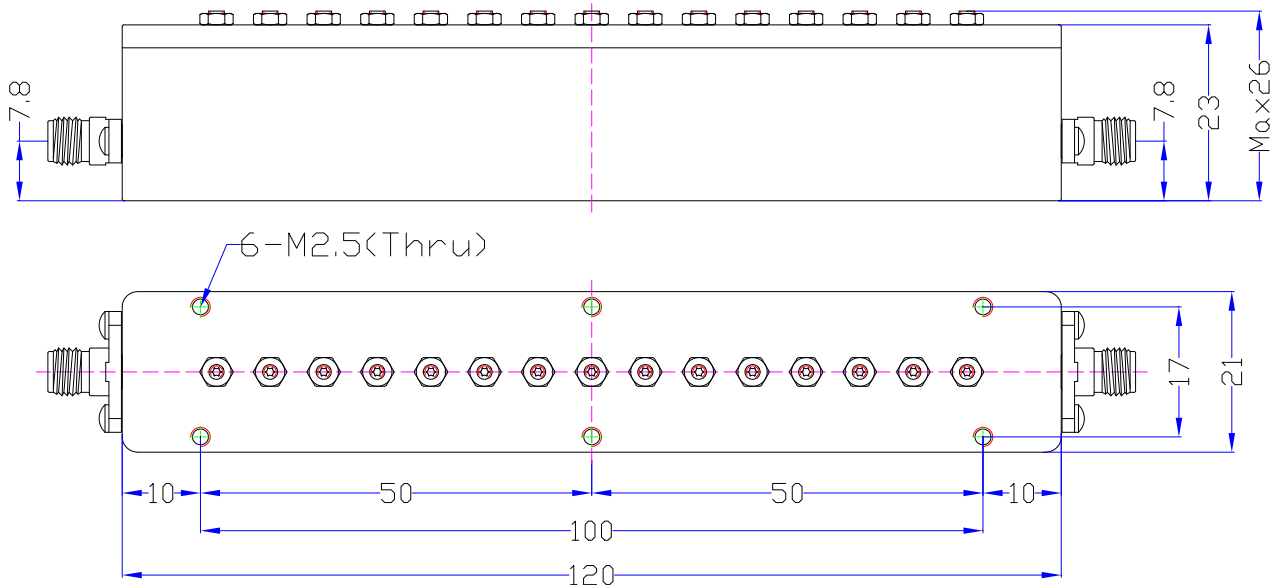
# HXLBQ-DTA860

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	1568.5MHz	
2	Pass Band Frequency	1558 ~ 1579MHz **	
3	Pass Band Insertion Loss	≤2.0dB	
4	Pass Band Ripple	≤0.5dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥90dB @ DC ~ 1457MHz ≥50dB @ 1457 ~ 1520MHz	≥50dB @ 1617 ~ 1680MHz ≥90dB @ 1680 ~ 4000MHz
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 Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	120*21*23mm	
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.**