

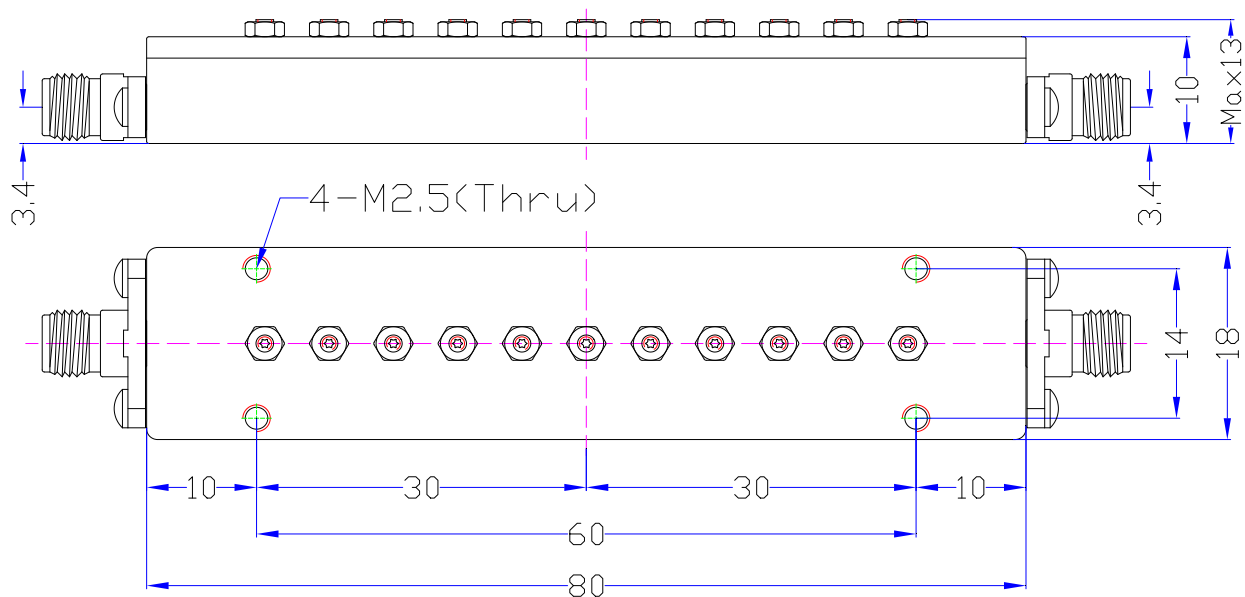
# HXLBQ-DTA1034

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8038.5MHz	
2	Pass Band Bandwidth	50MHz (8013.5 ~ 8063.5MHz) **	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.08dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 7628.5MHz ≥50dB @ 7628.5 ~ 7808.5MHz	≥50dB @ 8268.5 ~ 8448.5MHz ≥80dB @ 8448.5 ~ 24000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W 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	80*18*10mm	
14	Net weight	0.086 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



\*\* The actual design bandwidth will be greater than the Pass Band bandwidth, and there is no bandwidth limit.