

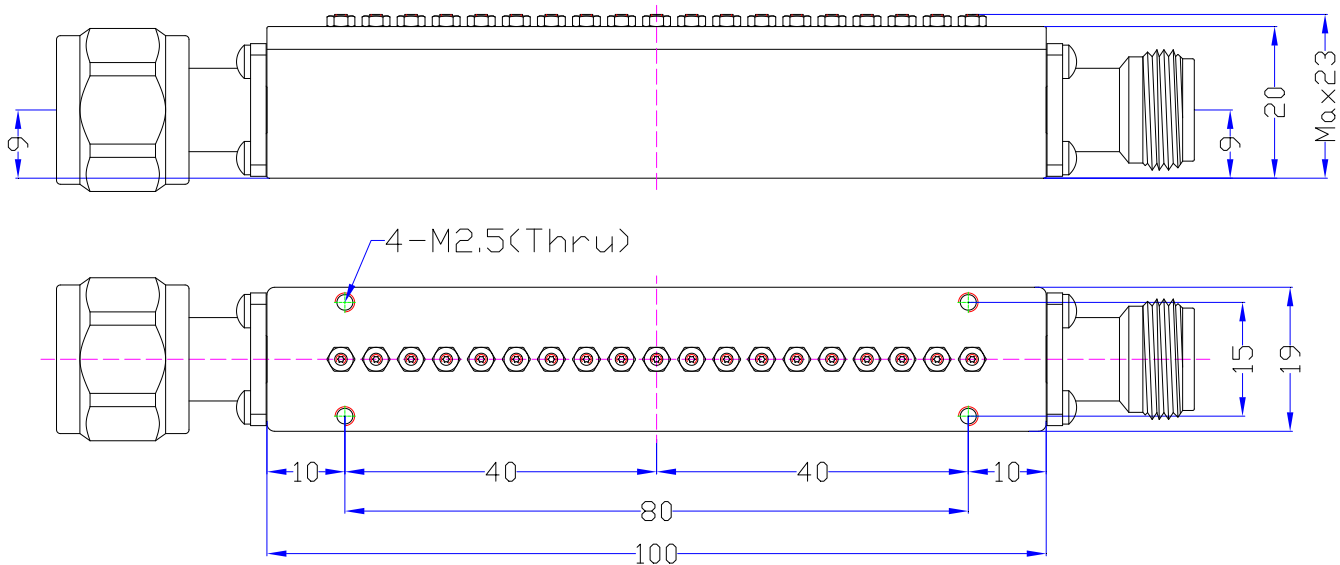
# HXLBQ-DTA713

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	5750MHz	
2	Pass Band Frequency	5600 ~ 5900MHz **	
3	Pass Band Insertion Loss	≤1.1dB	
4	Pass Band Ripple	≤0.35dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 5330MHz ≥50dB @ 5330 ~ 5450MHz	≥50dB @ 6050 ~ 6140MHz ≥80dB @ 6140 ~ 13000MHz
7	Impedance	50 Ohms	
8	Power Handling	20W Max.	
9	Connectors	N-Male / N-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	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	100*19*20mm	
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.