

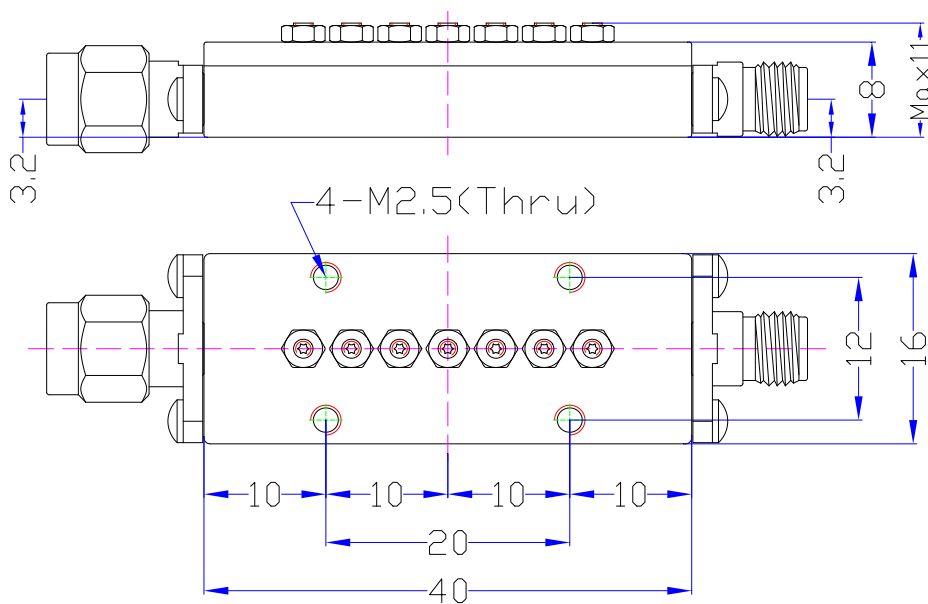
# HXLBQ-DTA1091

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8038.5MHz	
2	Pass Band Frequency	8028.5 ~ 8048.5MHz **	
3	Pass Band Insertion Loss	≤0.7dB	
4	Pass Band Ripple	≤0.05dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 6178MHz ≥50dB @ 6178 ~ 7278MHz	≥50dB @ 8798 ~ 9898MHz ≥80dB @ 9898 ~ 27000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Male / 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	40*16*8mm	
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.