

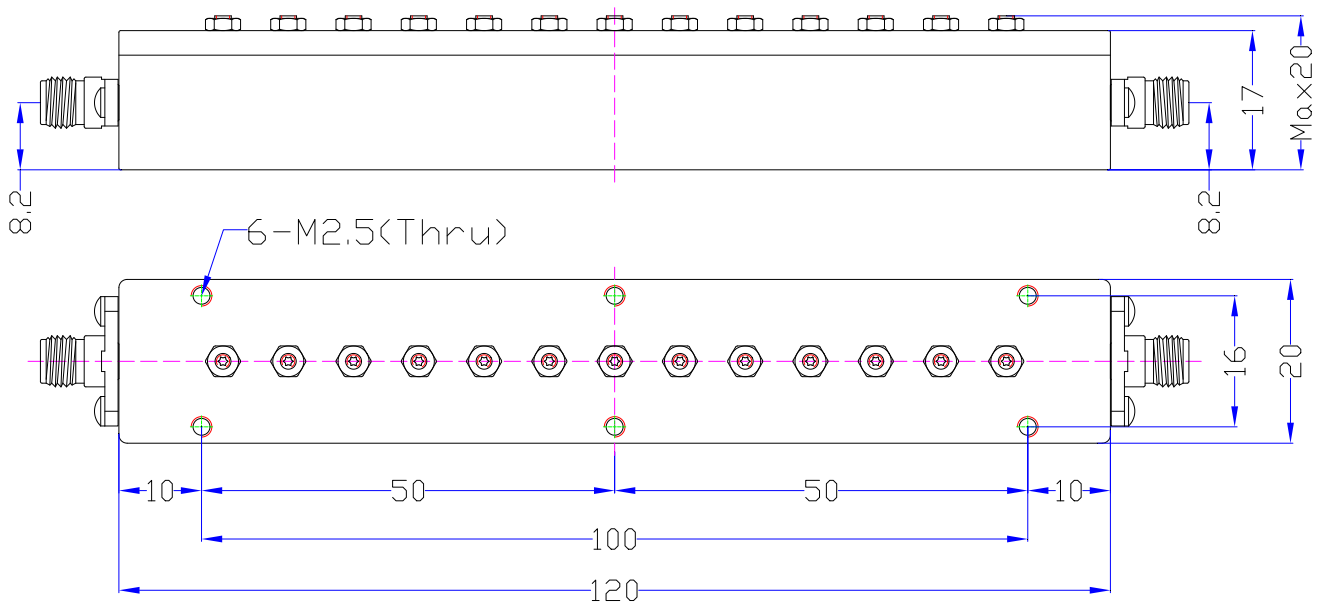
HXLBQ-DTA986

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	2998MHz	
2	Pass Band Frequency	2988 ~ 3008MHz **	
3	Pass Band Insertion Loss	≤3.2dB	
4	Pass Band Ripple	≤0.65dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 2938MHz ≥40dB @ 2938 ~ 2968MHz	≥40dB @ 3028 ~ 3058MHz ≥80dB @ 3058 ~ 12000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	0°C ~ +50°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	120*20*17mm	
14	Net weight	0.082 KG	

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.