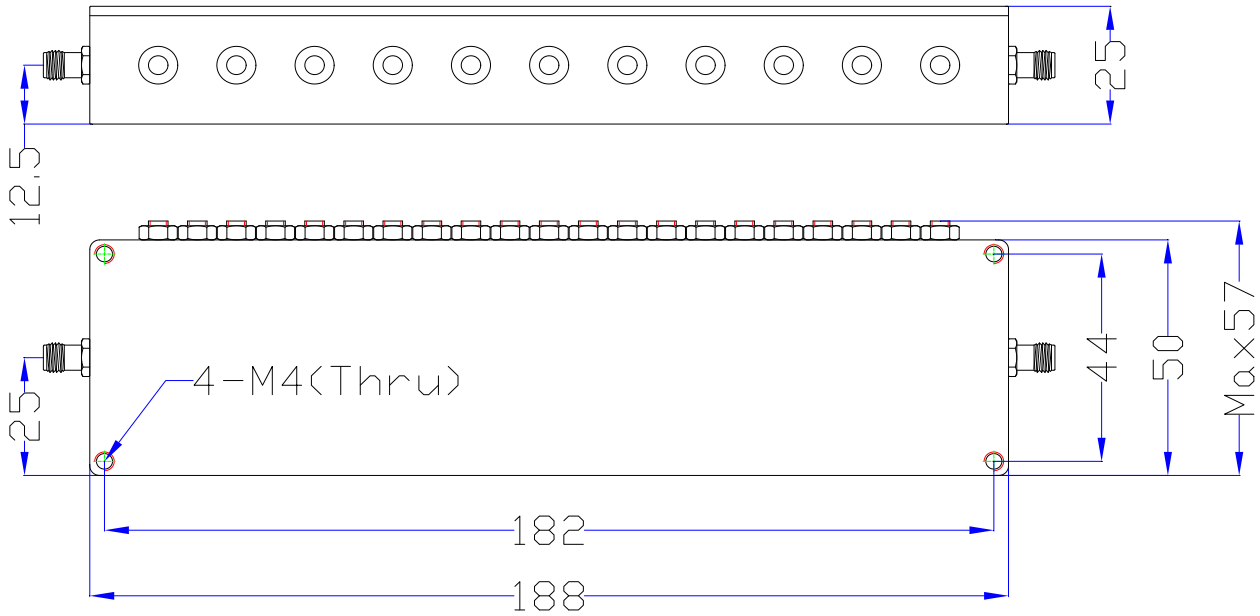
HXLBQ-DTA656X

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	869.5MHz	
2	Pass Band Frequency	824 ~ 915MHz **	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤0.65dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥60dB @ DC ~ 784MHz	≥60dB @ 955 ~ 3000MHz
7	Impedance	50 Ohms	
8	Power Handling	30W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30℃ ~ +70℃	
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	188*50*25mm	
14	Net weight	TBD	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)



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

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