

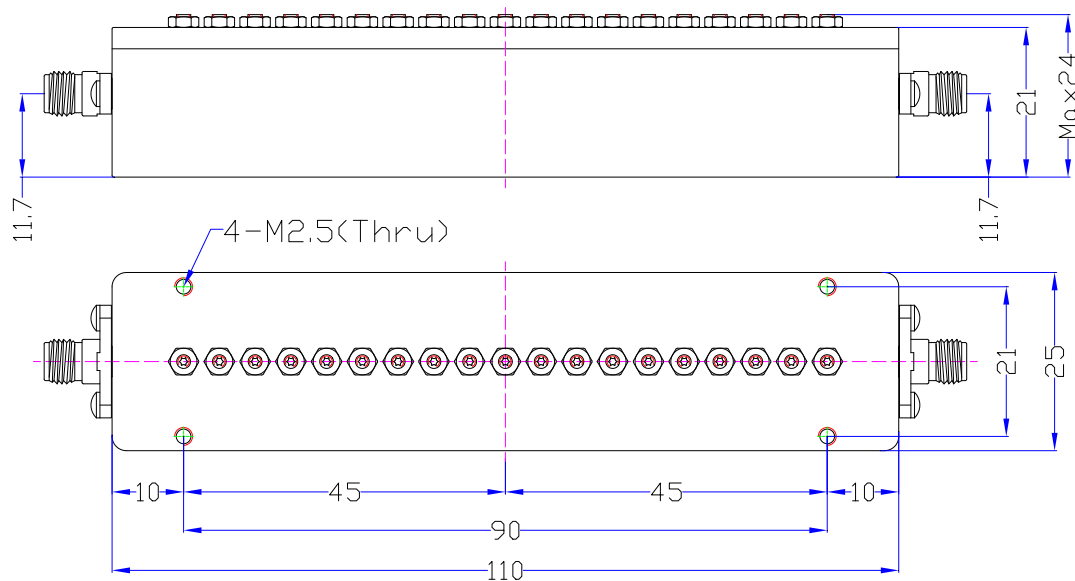
# HXLBQ-DTA864

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	2500MHz	
2	Pass Band Frequency	2300 ~ 2700MHz **	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.5dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 1950MHz ≥50dB @ 1950 ~ 2100MHz	≥50dB @ 2900 ~ 3050MHz ≥80dB @ 3050 ~ 6000MHz
7	Impedance	50 Ohms	
8	Power	10W 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	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	110*25*21mm	
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.