

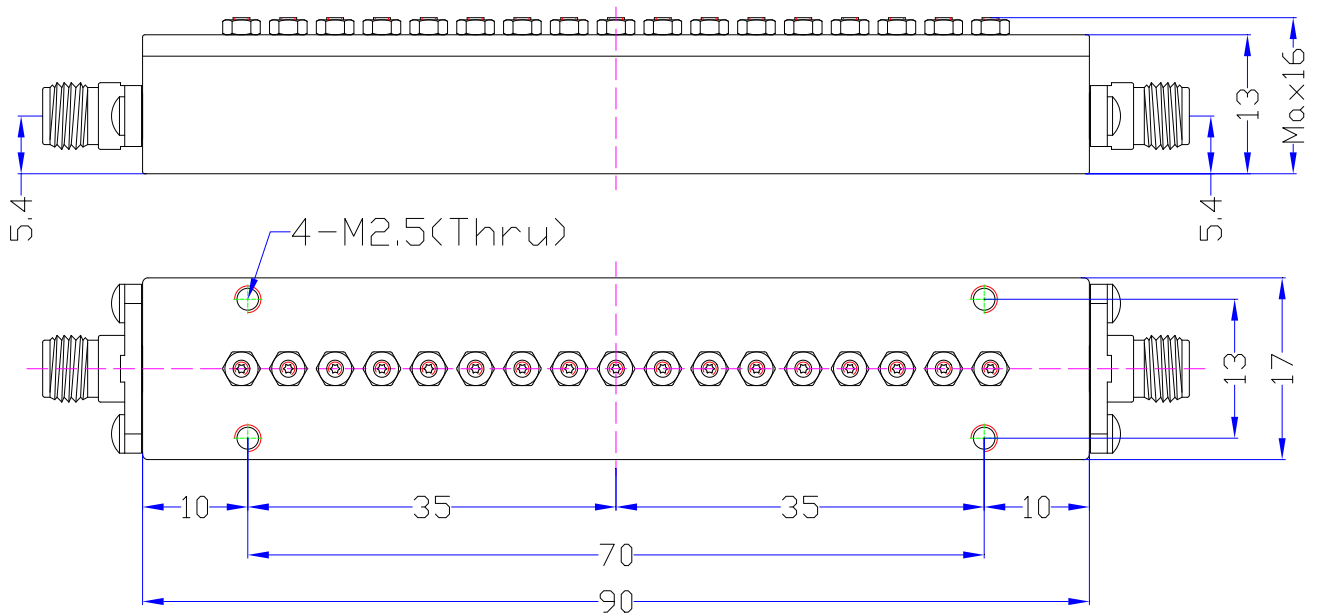
# HXLBQ-DTA958

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	4500MHz	
2	Pass Band Frequency	4400 ~ 4600MHz **	
3	Pass Band Insertion Loss	≤1.2dB	
4	Pass Band Ripple	≤0.6dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 4150MHz ≥70dB @ 4150 ~ 4200MHz	≥70dB @ 4800 ~ 4850MHz ≥80dB @ 4850 ~ 10000MHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-40°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	90*17*13mm	
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.