

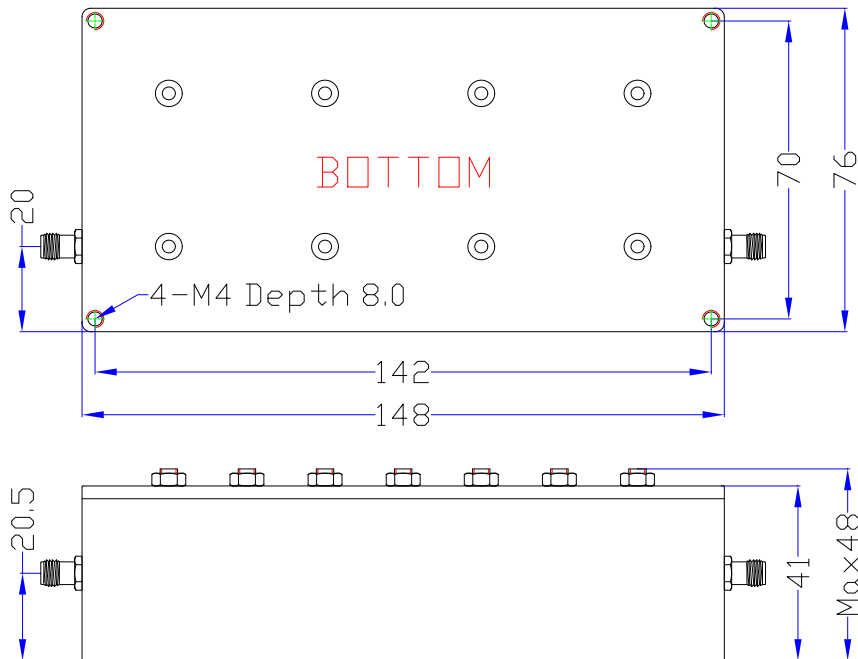
# HXLBQ-DTA1052

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	680.5MHz	
2	Pass Band Frequency	663 ~ 698MHz **	
3	Pass Band Insertion Loss	≤2.0dB	
4	Pass Band Ripple	≤1.0dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 633MHz	≥80dB @ 728 ~ 1500MHz
7	Impedance	50 Ohms	
8	Power Handling	20W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-20°C ~ +60°C	
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	148*76*41mm	
14	Net weight	0.57 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)



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