

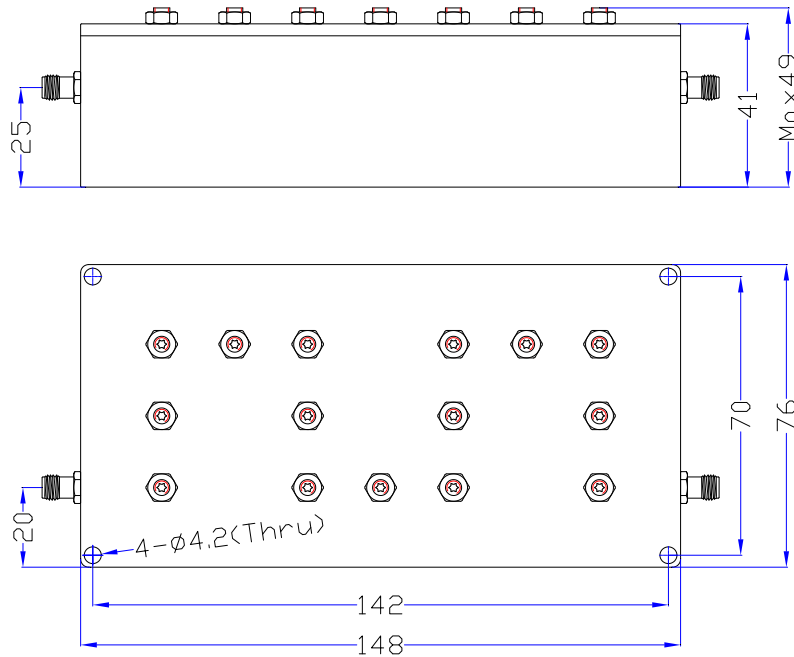
HXLBQ-DTA1051

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	634.5MHz
2	Pass Band Frequency	617 ~ 652MHz **
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 ~ 587MHz ≥80dB @ 682 ~ 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 Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Tuning screw: H62 Copper alloy Other screw: Stainless Steel
13	Dimensions	148*76*41mm
14	Net weight	0.555 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.