

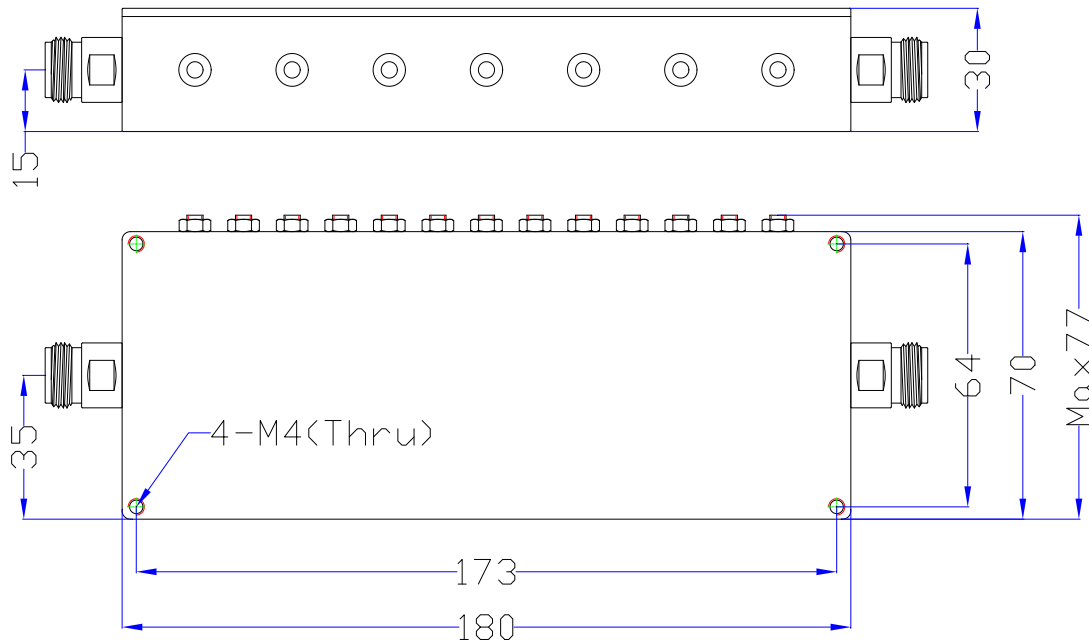
HXLBQ-DTA937

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	500MHz
2	Pass Band Frequency	490 ~ 510MHz **
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.35dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥40dB @ DC ~ 475MHz ≥40dB @ 525 ~ 1800MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	N-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°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	180*70*30mm
14	Net weight	TBD

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.