

# HXLBQ-DTA772X

## Dot Frequency Cavity Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2450MHz
2	3.0dB Bandwidth	10MHz Max. (2445 ~ 2455MHz Max.)
3	Insertion Loss @ F0	≤2.0dB @ 2450MHz
4	Return Loss @ F0	≥18dB @ 2450MHz
5	Stop Band Rejection	≥45dB @ DC ~ 2435MHz      ≥45dB @ 2465 ~ 5000MHz
6	Impedance	50 Ohms
7	Power	50W CW
8	Connectors	N-Female
9	Surface Finish	Painted Black
10	Temperature Range	+10°C ~ +30°C
11	Material	Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy      Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
12	Dimensions	93*93*22mm
13	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

