

- **Model: HXLBQ-DTA772X**
- **Product Name: Dot Frequency Cavity Filter**
- **Frequency: 2445~2455MHz**

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2450MHz
● 3.0dB Bandwidth	10MHz Max. (2445 ~ 2455MHz Max.)
● Insertion Loss @ F0	≤2.0dB @ 2450MHz
● Return Loss @ F0	≥18dB @ 2450MHz
● Stop Band Rejection	≥45dB @ DC ~ 2435MHz ≥45dB @ 2465 ~ 5000MHz
● Impedance	50 Ohms
● Power	50W CW
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	+10°C ~ +30°C
● Net weight	TBD

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

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|-------------------|----------------------------------|--|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 93*93*29mm |

