

- **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	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	93*93*22mm	
● Net weight	TBD	

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

