

- **Model:** HXLBQ-DTA822
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 5677.5 ~ 5697.5MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	5687.5MHz
● 3dB Bandwidth	20MHz Max. (5677.5 ~ 5697.5MHz Max.)
● Insertion Loss @ F0	≤2.0dB @ 5687.5MHz
● Return Loss @ F0	≥18dB @ 5687.5MHz
● Stop Band Rejection	≥50dB @ F0±80MHz (DC ~ 5607.5MHz , 5767.5 ~ 9000MHz)
● Impedance	50 Ohms
● Power	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+20°C ~ +30°C
● Net weight	TBD

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

- ◆ **Material**
  - Housing: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 110\*38\*18mm

