

- **Model:** HXLBQ-DTA822X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3900~4200MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	4050MHz
● 3.0dB Bandwidth	300MHz (3900 ~ 4200MHz) [Deviation: ±20MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤1.0dB @ 4050MHz
● Return Loss	≥23dB @ 3950 ~ 4150MHz
● Stop Band Rejection	≥80dB @ DC ~ 3700MHz ≥80dB @ 4400 ~ 12000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

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

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 90*17*16mm |

