

- **Model:** HXLBQ-DTA248
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1450~1490MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1470MHz
● Pass Band Frequency	1450 ~ 1490MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥50dB @ DC ~ 1365MHz      ≥50dB @ 1575 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 98*42*20mm       |

