

- **Model:** HXLBQ-DTA909
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1290~1310MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1300MHz
● Pass Band Frequency	1290 ~ 1310MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 1275MHz      ≥40dB @ 1325 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°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)

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|-------------------|----------------------------------|--|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy     | ● Working Environment: Indoor                  |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*62*38mm                      |

