

- **Model: HXLBQ-DTA1301**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1210~1290MHz**

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1250MHz
● Pass Band Frequency	1210 ~ 1290MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.9dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥40dB @ DC ~ 1190MHz      ≥40dB @ 1310 ~ 3000MHz
● Impedance	50 Ohms
● Power Handling	40W CW
● Connectors	N-Male / N-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)

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|-------------------|----------------------------------|--|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel                 |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 230*50*30mm                      |

