

- **Model:** HXLBQ-DTA1261
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1597~1606MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1601.5MHz
● Pass Band Frequency	1597 ~ 1606MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥30dB @ DC ~ 1577MHz ≥30dB @ 1626 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	127*33*25mm
● Net weight	0.17 KG

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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|-------------------|------------------------------|-------------------------------------|
| ◆ Material | ● Housing: Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: Copper alloy | ● Resonant column: H59 Copper alloy |

