

- **Model: HXLBQ-DTA1262**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1559~1606MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1582.5MHz
● Pass Band Frequency	1559 ~ 1606MHz
● Pass Band Insertion Loss	≤1.7dB
● Pass Band Ripple	≤0.9dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥30dB @ DC ~ 1544MHz ≥30dB @ 1621 ~ 4800MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	120*62*31mm
● 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: ±0.4mm)

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|-------------------|----------------------------------|-------------------------------------|
| ◆ Material | ● Housing: Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Resonant column: H59 Copper alloy |

