

- **Model: HXLBQ-DTA860**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1558~1579MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1568.5MHz
● Pass Band Frequency	1558 ~ 1579MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥90dB @ DC ~ 1457MHz ≥50dB @ 1617 ~ 1680MHz ≥50dB @ 1457 ~ 1520MHz ≥90dB @ 1680 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	10W 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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*21*26mm |

