

- **Model: HXLBQ-DTA617**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1570~1580MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1575MHz
● Pass Band Frequency	1570 ~ 1580MHz
● Pass Band Insertion Loss	≤1.7dB (Typical: ≤1.5dB)
● Pass Band Ripple	≤0.3dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥50dB @ DC ~ 1550MHz ≥50dB @ 1600 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°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: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 138*38*30mm |

