

- **Model: HXLBQ-DTA586**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1500~1600MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1550MHz
● Pass Band Frequency	1500 ~ 1600MHz
● Pass Band Insertion Loss	≤1.2dB
● Pass Band Ripple	≤0.6dB
● Pass Band VSWR	≤1.2:1
● Stop Band Rejection	≥55dB @ DC ~ 1425MHz ≥55dB @ 1675 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	50W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.25 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)

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 170*39*25mm |

