

- **Model: HXLBQ-DTA791**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1557~1626.5MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1591.75MHz
● Pass Band Frequency	1557 ~ 1626.5MHz
● Pass Band Insertion Loss	≤1.2dB
● Pass Band Ripple	≤0.6dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥60dB @ DC ~ 1517.5MHz ≥60dB @ 1666 ~ 3500MHz
● Impedance	50 Ohms
● Power Handling	20W 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)

◆ **Material**

- Housing: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 120*62*38mm

