

- **Model: HXLBQ-DTA781**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 7155~7205MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	7180MHz
● Pass Band Frequency	7155 ~ 7205MHz
● Pass Band Insertion Loss	≤1.8dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 7040MHz      ≥40dB @ 7255 ~ 7320MHz ≥40dB @ 7040 ~ 7105MHz      ≥80dB @ 7320 ~ 15000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°C
● Net weight	0.21 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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 89*47*12mm      |

