

- **Model: HXLBQ-DTA793**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 5.0~8.0GHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	6.5GHz
● Pass Band Frequency	5.0 ~ 8.0GHz
● Pass Band Insertion Loss	≤0.7dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 4.1GHz ≥50dB @ 4.1 ~ 4.5GHz
	≥70dB @ 8.5 ~ 8.55GHz ≥80dB @ 8.5 ~ 16.5GHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-40°C ~ +70°C
● Net weight	0.176 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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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*21*15.5mm |

