

- **Model:** HXLBQ-DTA595
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 5200~7700MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	6450MHz
● Pass Band Bandwidth	2500MHz (5200 ~ 7700MHz)
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 4500MHz ≥40dB @ 7900 ~ 8080MHz ≥30dB @ 4500 ~ 4930MHz ≥80dB @ 8080 ~ 15000MHz ≥20dB @ 4930 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	5.0W 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)

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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*19*15mm |

