

- **Model:** HXLBQ-DTA914
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 6600~8700MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	7650MHz	
● Pass Band Frequency	6600 ~ 8700MHz	
● Pass Band Insertion Loss	≤0.9dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥80dB @ DC ~ 4400MHz ≥50dB @ 4400 ~ 5600MHz	≥50dB @ 9700 ~ 10250MHz ≥80dB @ 10250 ~ 16000MHz
● Impedance	50 Ohms	
● Power Handling	10W 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: 60*16*13mm |

