

- **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 @ 9700 ~ 10250MHz
	≥50dB @ 4400 ~ 5600MHz	≥80dB @ 10250 ~ 16000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	60*16*10.5mm	
● Net weight	TBD	

** 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: $\pm 0.3\text{mm}$)

