

# HXLBQ-DTA793

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	6.5GHz	
2	Pass Band Frequency	5.0 ~ 8.0GHz	
3	Pass Band Insertion Loss	≤0.7dB	
4	Pass Band Ripple	≤0.5dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 4.1GHz ≥50dB @ 4.1 ~ 4.5GHz	≥70dB @ 8.5 ~ 8.55GHz ≥80dB @ 8.5 ~ 16.5GHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-40℃ ~ +70℃	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	120*21*12.5mm	
14	Net weight	0.176 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

