

# HXLBQ-DTA514

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	8.75GHz
2	Pass Band Frequency	8.0 ~ 9.5GHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.5dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥80dB @ DC ~ 7.35GHz      ≥50dB @ 9.9 ~ 10.1GHz ≥50dB @ 7.35 ~ 7.6GHz      ≥80dB @ 10.1 ~ 26GHz
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30℃ ~ +70℃
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	100*16*9mm
24	Net weight	TBD

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

