

# HXLBQ-DTA638

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	12.5GHz
2	Pass Band Frequency	11 ~ 14GHz
3	Pass Band Insertion Loss	≤0.6dB
4	Pass Band Ripple	≤0.25dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥80dB @ DC ~ 9.1GHz      ≥60dB @ 15.3 ~ 15.8GHz ≥60dB @ 9.1 ~ 9.7GHz      ≥80dB @ 15.8 ~ 21GHz
7	Impedance	50 Ohms
8	Power Handling	10W 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	90*17*10mm
14	Net weight	0.1 KG

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

