

# HXLBQ-DTA425

## Interdigital Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2750MHz
2	Pass Band Bandwidth	500MHz (2500 ~ 3000MHz)
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.8dB
5	Pass Band VSWR	≤1.5:1
6	Stop Band Rejection	≥35dB @ DC ~ 2400MHz      ≥35dB @ 3100 ~ 5000MHz
7	Impedance	50 Ohms
8	Power Handling	2W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30℃ ~ +70℃
12	Material	Housing: 6061 Aluminum alloy      Connectors: Stainless Steel Cover: LY12 Aluminum alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	80*35*10mm
14	Net weight	TBD

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

