

# HXLBQ-DTA541

## Interdigital Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1.95GHz
2	Pass Band Frequency	1.4 ~ 2.5GHz
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.8dB
5	Pass Band Return Loss	≥14dB
6	Stop Band Rejection	≥50dB @ DC ~ 1.15GHz      ≥30dB @ 2.65 ~ 2.75GHz ≥30dB @ 1.15 ~ 1.25GHz      ≥50dB @ 2.75 ~ 5.0GHz
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: 6061 Aluminum alloy      Connectors: Stainless Steel Cover: LY12 Aluminum alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	75*42*11mm
14	Net weight	TBD

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

