

# HXLBQ-DTA585

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	4300MHz
2	Pass Band Frequency	4250 ~ 4350MHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band VSWR	≤1.2:1
6	Stop Band Rejection	≥55dB @ DC ~ 4050MHz      ≥55dB @ 4550 ~ 7000MHz
7	Impedance	50 Ohms
8	Power Handling	50W Max.
9	Connectors	N-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy      Connectors: H59 Copper, Plated ternary alloy Cover: LY12 Aluminum alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	100*22*22mm
14	Net weight	TBD

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

