

# HXLBQ-DTA403

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	3500MHz
2	Pass Band Frequency	3400 ~ 3600MHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.4dB
5	Pass Band VSWR	≤1.22:1
6	Stop Band Attenuation	≥50dB @ F0±300MHz (DC ~ 3200MHz , 3800 ~ 7000MHz)
7	Impedance	50 Ohms
8	Power Handling	40W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30℃ ~ +70℃
12	Material	Housing: 6061 Aluminum alloy    Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy    Connectors: Stainless Steel Tuning screw: H62 Copper alloy    Other screw: Stainless Steel
13	Dimensions	113*25*20mm
14	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

