

# HXLBQ-DTA422

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	10GHz
2	Pass Band Bandwidth	10MHz (9.995 ~ 10.005GHz)
3	Pass Band Insertion Loss	≤1.7dB
4	Pass Band Ripple	≤0.15dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥50dB @ DC ~ 9.85GHz      ≥50dB @ 10.15 ~ 18GHz
7	Impedance	50 Ohms
8	Power Handling	10W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-20°C ~ +60°C
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	100*20*10mm
14	Net weight	TBD

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

