

# HXLBQ-DTA566

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	530MHz
2	3.0dB Bandwidth	≤3.0MHz (≤528.5 ~ 531.5MHz)
3	Insertion Loss @ F0	≤2.3dB @ 530MHz
4	Pass Band Return Loss	≥20dB @ 529.5 ~ 530.5MHz
5	Stop Band Attenuation	≥30dB @ DC ~ 523.5MHz      ≥30dB @ 536.5 ~ 2000MHz
6	Impedance	50 Ohms
7	Power Handling	20W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	-10°C ~ +50°C
11	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
12	Dimensions	192*60*51mm
13	Net weight	TBD

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

