

# HXLBQ-DTA166

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	18GHz
2	Pass Band Frequency	17.975 ~ 18.025GHz
3	Pass Band Insertion Loss	≤2.5dB
4	Pass Band VSWR	≤1.3:1
5	Stop Band Attenuation	≥45dB @ Fc±200MHz (DC ~ 17.775GHz , 18.225 ~ 27GHz)
6	Impedance	50 Ohms
7	Power Handling	5W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	-20°C ~ +60°C
11	Material	Housing: H62 Copper alloy      Connectors: H59 Copper, Plated ternary alloy Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
12	Dimensions	60*16*8.5mm
13	Net weight	TBD

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

