

# HXLBQ-DTA834X

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	9500MHz
2	3.0dB Bandwidth	1000MHz (9000 ~ 10000MHz) [Deviation: ±50MHz @ Temperature Range: +20°C ~ +30°C]
3	Insertion Loss @ F0	≤1.0dB @ 9500MHz
4	Return Loss	≥23dB @ 700MHz Bandwidth (9150 ~ 9850MHz)
5	Stop Band Rejection	≥80dB @ DC ~ 8000MHz      ≥40dB @ 10400 ~ 11000MHz ≥40dB @ 8000 ~ 8600MHz      ≥80dB @ 11000 ~ 22000MHz
6	Impedance	50 Ohms
7	Power Handling	10W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	-30°C ~ +70°C
11	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
12	Dimensions	70*16*9mm
13	Net weight	0.07 KG

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

