

# HXLBQ-DTA598

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	6800MHz	
2	Pass Band Bandwidth	20MHz (6790 ~ 6810MHz)	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤0.07dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 6410MHz ≥40dB @ 6410 ~ 6650MHz	≥40dB @ 6950 ~ 7190MHz ≥80dB @ 7190 ~ 20000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	50*16*10mm	
15	Net weight	TBD	

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

