

# HXLBQ-DTA552

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8037MHz	
2	Pass Band Frequency	7987 ~ 8087MHz	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤0.4dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 7597MHz ≥40dB @ 7597 ~ 7837MHz	≥40dB @ 8237 ~ 8477MHz ≥80dB @ 8477 ~ 22000MHz
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	70*16*10mm	
14	Net weight	0.07 KG	

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

