

# HXLBQ-DTA527

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	11GHz	
2	Pass Band Frequency	10 ~ 12GHz	
3	Pass Band Insertion Loss	≤0.8dB	
4	Pass Band Ripple	≤0.28dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 8.9GHz ≥40dB @ 8.9 ~ 9.5GHz	≥40dB @ 12.45 ~ 12.95GHz ≥80dB @ 12.95 ~ 23GHz
7	Impedance	50 Ohms	
8	Power Handling	5W 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	80*16*9mm	
14	Net weight	TBD	

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

