

# HXLBQ-DTA643

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	2425MHz	
2	Pass Band Frequency	2310 ~ 2540MHz	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤0.8dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 2200MHz ≥40dB @ 2200 ~ 2260MHz	≥40dB @ 2590 ~ 2650MHz ≥80dB @ 2650 ~ 6000MHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	150*21*21mm	
14	Net weight	TBD	

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

