

- **Model: HXLBQ-DTA643**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2310~2540MHz**

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2425MHz	
● Pass Band Frequency	2310 ~ 2540MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2200MHz	≥40dB @ 2590 ~ 2650MHz
	≥40dB @ 2200 ~ 2260MHz	≥80dB @ 2650 ~ 6000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: 6061 Aluminum alloy	Resonant column: H59 Copper alloy
	Cover: LY12 Aluminum alloy	Connectors: Stainless Steel
	Tuning screw: H62 Copper alloy	Other screw: Stainless Steel
● Dimensions	150*21*21mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.1mm)		

