

- **Model:** HXLBQ-DTA657X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1710~1910MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1810MHz	
● Pass Band Frequency	1710 ~ 1910MHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 1480MHz	≥70dB @ 2060 ~ 2090MHz
	≥60dB @ 1480 ~ 1560MHz	≥80dB @ 2090 ~ 7500MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● 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	110*25*24mm	
● Net weight	TBD	

** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

