

- **Model: HXLBQ-DTA714**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3595~3645MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	3620MHz	
● Pass Band Frequency	3595 ~ 3645MHz **	
● Pass Band Insertion Loss	≤0.9dB	
● Pass Band Ripple	≤0.08dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 3290MHz	≥60dB @ 3845 ~ 3940MHz
	≥60dB @ 3290 ~ 3395MHz	≥80dB @ 3940 ~ 12000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	70*19*17mm	
● 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: $\pm 0.3\text{mm}$)

