

- **Model: HXLBQ-DTA294**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1700~1780MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1740MHz	
● Pass Band Frequency	1700 ~ 1780MHz	
● Pass Band Insertion Loss	≤1.8dB	
● Pass Band Ripple	≤1.2dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥40dB @ DC ~ 1690MHz	≥40dB @ 1790 ~ 4000MHz
● Impedance	50 Ohms	
● Power Handling	20W 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: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
● Dimensions	150*63*31mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.7mm)

