

- **Model:** HXLBQ-DTA1389
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1820~1840MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1830MHz	
● Pass Band Frequency	1820 ~ 1840MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥40dB @ DC ~ 1810MHz	≥40dB @ 1850 ~ 4000MHz
● Impedance	50 Ohms	
● Power Handling	100W Max.	
● Connectors	N-Male / N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-10°C ~ +50°C	
● Net weight	TBD	

Note: 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)

◆ **Material**

- Housing: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: H59 Copper, Plated ternary alloy
- Working Environment: Indoor
- Dimensions: 141*73*38mm

