

- **Model:** HXLBQ-DTA819
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4100~4300MHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	4200MHz	
● Pass Band Bandwidth	200MHz (4100 ~ 4300MHz)	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Attenuation	≥50dB @ DC ~ 4050MHz	≥50dB @ 4350 ~ 13500MHz
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.14 KG	

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: Stainless Steel
- Working Environment: Indoor
- Dimensions: 78\*60\*16mm

