

- **Model: HXLBQ-DTA819X**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3300~3600MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	3450MHz	
● 3.0dB Bandwidth	300MHz (3300 ~ 3600MHz) [Deviation: ±10MHz @ Temperature Range: +20°C ~ +30°C]	
● Pass Band Bandwidth	220MHz (3340 ~ 3560MHz)	
● Pass Band Insertion Loss	≤1.0dB @ 3340 ~ 3560MHz	
● Pass Band Ripple	≤0.5dB @ 3340 ~ 3560MHz	
● Pass Band Return Loss	≥23dB @ 3340 ~ 3560MHz	
● Stop Band Rejection	≥40dB @ DC ~ 3220MHz	≥40dB @ 3680 ~ 8000MHz
● 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 Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	130*23*21mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

