

- **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
● Net weight	TBD

● **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: 130*23*24mm

