

- **Model: HXLBQ-DTA861**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 3200~3600MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	3400MHz
● Pass Band Frequency	3200 ~ 3600MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 2950MHz ≥50dB @ 3750 ~ 3850MHz ≥50dB @ 2950 ~ 3050MHz ≥80dB @ 3850 ~ 8000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°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: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 120*21*20mm

