

- **Model: HXLBQ-DTA860**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1558~1579MHz**

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1568.5MHz	
● Pass Band Frequency	1558 ~ 1579MHz **	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥90dB @ DC ~ 1457MHz ≥50dB @ 1457 ~ 1520MHz	≥50dB @ 1617 ~ 1680MHz ≥90dB @ 1680 ~ 4000MHz
● 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	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	120*21*23mm	
● Net weight	TBD	

\*\*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: ±0.3mm)

