

- **Model:** HXLBQ-DTA566
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 528.5 ~ 531.5MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	530MHz
● 3.0dB Bandwidth	≤3.0MHz (≤528.5 ~ 531.5MHz)
● Insertion Loss @ F0	≤2.3dB @ 530MHz
● Pass Band Return Loss	≥20dB @ 529.5 ~ 530.5MHz
● Stop Band Attenuation	≥30dB @ DC ~ 523.5MHz      ≥30dB @ 536.5 ~ 2000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°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
  - Working Environment: Indoor
  - Dimensions: 192\*67\*51mm

