

- **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	
● 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	192*60*51mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

