

- **Model:** HXLBQ-DTA779
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2750~3250MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3000MHz	
● Pass Band Frequency	2750 ~ 3250MHz	
● Pass Band Insertion Loss	≤0.7dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Attenuation	≥80dB @ DC ~ 2380MHz ≥40dB @ 2380 ~ 2600MHz	≥50dB @ 3400 ~ 3490MHz ≥80dB @ 3490 ~ 7500MHz
● Impedance	50 Ohms	
● Power Handling	Average: 60W 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)

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| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 150*27*27mm |

