

- **Model:** HXLBQ-DTA1160
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 17160~17260MHz

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

Technical Data Sheet			
Item	Parameters		
● Center Frequency(F0)	17210MHz		
● Pass Band Frequency	17160 ~ 17260MHz		
● Pass Band Insertion Loss	≤1.5dB		
● Pass Band Ripple	≤0.3dB		
● Pass Band Return Loss	≥23dB		
● Stop Band Rejection	≥80dB @ DC ~ 16560MHz	≥40dB @ 17510 ~ 17860MHz	
	≥40dB @ 16560 ~ 16910MHz	≥80dB @ 17860 ~ 32000MHz	
● Impedance	50 Ohms		
● Power Handling	5.0W Max.		
● Connectors	SMA-Female		
● Surface Finish	Painted Black		
● Temperature Range	-30℃ ~ +70℃		
● Dimensions	60*16*8.5mm		
● Net weight	0.06 KG		

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: $\pm 0.3\text{mm}$)

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| ●Material | ●Housing: H62 Copper alloy | ●Connectors: Stainless Steel |
| | ●Cover: H62 Copper alloy | ●Other screw: Stainless Steel |
| | ●Tuning screw: H62 Copper alloy | |

