

- **Model: HXLBQ-DTA1288**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 5800~6000MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5900MHz	
● Pass Band Frequency	5800 ~ 6000MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥22dB	
● Stop Band Rejection	≥80dB @ DC ~ 5350MHz	≥50dB @ 6200 ~ 6450MHz
	≥50dB @ 5350 ~ 5600MHz	≥80dB @ 6450 ~ 19000MHz
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.09 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: ±0.5mm)

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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 | ● Dimensions: 80*17*14mm |

