

- **Model:** HXLBQ-DTA1294
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6000~8000MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	7000MHz	
● Pass Band Frequency	6000 ~ 8000MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.37dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Attenuation	≥80dB @ DC ~ 5300MHz ≥63dB @ 5300 ~ 5500MHz	≥63dB @ 8450 ~ 8600MHz ≥80dB @ 8600 ~ 26000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.085 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: ±0.4mm)

- ◆ **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 90*16*12mm

