

- **Model: HXLBQ-DTA935**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 7000~8000MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	7500MHz	
● Pass Band Frequency	7000 ~ 8000MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6250MHz ≥30dB @ 6250 ~ 6800MHz	≥30dB @ 8200 ~ 8750MHz ≥80dB @ 8750 ~ 20000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.08 KG	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

● Outline Drawing: (Dimensions:80*16*10mm , Dimensions Tolerance: ±0.5mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Other screw: Stainless Steel

