

- **Model:** HXLBQ-DTA845
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 8200~9300MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	8750MHz	
● Pass Band Frequency	8200 ~ 9300MHz	
● Pass Band Insertion Loss	≤0.9dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 7350MHz ≥70dB @ 7350 ~ 7500MHz ≥50dB @ 7500 ~ 7800MHz	≥50dB @ 9700 ~ 10000MHz ≥70dB @ 10000 ~ 10150MHz ≥80dB @ 10150 ~ 25000MHz
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.075 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)

- | | | |
|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*16*12mm |

