

- **Model:** HXLBQ-DTA485
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2824~2844MHz
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2834MHz
● Pass Band Frequency	2824 ~ 2844MHz
● Pass Band Insertion Loss	≤3.2dB
● Pass Band Ripple	≤0.65dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 2774MHz ≥40dB @ 2864 ~ 2894MHz ≥40dB @ 2774 ~ 2804MHz ≥80dB @ 2894 ~ 8000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	0°C ~ +50°C
● Net weight	TBD

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
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 120*20*20mm

