

- **Model:** HXLBQ-DTA675
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2700~3000MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	2850MHz	
● Pass Band Frequency	2700 ~ 3000MHz	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2545MHz ≥40dB @ 2545 ~ 2630MHz	≥40dB @ 3070 ~ 3140MHz ≥80dB @ 3140 ~ 9500MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°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: ±0.3mm)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Other screw: Stainless Steel
  - Dimensions: 130\*22\*20mm

