

- **Model: HXLBQ-DTA859**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2600~2850MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2725MHz	
● Pass Band Frequency	2600 ~ 2850MHz **	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2350MHz ≥80dB @ 3050 ~ 8500MHz ≥70dB @ 2350 ~ 2400MHz	
● Impedance	50 Ohms	
● Power Handling	30W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
● Dimensions	110*22*19mm	
● Net weight	TBD	

** 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)

