

- **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
● 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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 110*22*22mm |

