

- **Model:** HXLBQ-DTA160
- ★ **High Stop Band Rejection**
- **Product Name:** Cavity Band Pass Filter
- ★ **Low Pass Band Insertion Loss**
- **Frequency:** 2496~2690MHz
- ★ **Customizable Design**
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- ★ **High Reliability**

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2593MHz
● Pass Band Frequency	2496 ~ 2690MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥40dB @ DC ~ 2486MHz ≥40dB @ 2700 ~ 4000MHz
● Impedance	50 Ohms
● Power	10W Max.
● Connectors	SMA-Male / SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°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
- Connectors: H59 Copper, Plated ternary alloy
- Cover: LY12 Aluminum alloy
- Other screw: Stainless Steel
- Tuning screw: H62 Copper alloy
- Dimensions: 113*85*33mm

