

- **Model: HXLBQ-DTA823X**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2580~3100MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	2840MHz
● 3.0dB Bandwidth	520MHz (2580 ~ 3100MHz) [Deviation: ±40MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤1.0dB @ 2840MHz
● Return Loss	≥23dB @ 2640 ~ 3040MHz
● Stop Band Rejection	≥80dB @ DC ~ 2240MHz                      ≥70dB @ 3300 ~ 3340MHz ≥55dB @ 2240 ~ 2380MHz                      ≥80dB @ 3340 ~ 8000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

● **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: 110\*22\*23mm

