

- **Model:** HXLBQ-DTA832X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2770~2930MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2850MHz
● 3.0dB Bandwidth	160MHz (2770 ~ 2930MHz) [Deviation: ±20MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤1.2dB @ 2850MHz
● Return Loss	≥23dB @ 2800 ~ 2900MHz
● Stop Band Rejection	≥80dB @ DC ~ 2630MHz ≥50dB @ 3000 ~ 3070MHz ≥50dB @ 2630 ~ 2700MHz ≥80dB @ 3070 ~ 9000MHz
● 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*20*21mm

