

- **Model:** HXLBQ-DTA835X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2850~3250MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	3050MHz	
● 3.0dB Bandwidth	400MHz (2850 ~ 3250MHz) [Deviation: ±30MHz @ Temperature Range: +20°C ~ +30°C]	
● Insertion Loss @ F0	≤1.0dB @ 3050MHz	
● Return Loss	≥23dB @ 2900 ~ 3200MHz	
● Stop Band Rejection	≥80dB @ DC ~ 2500MHz ≥40dB @ 2500 ~ 2700MHz	≥40dB @ 3400 ~ 3600MHz ≥80dB @ 3600 ~ 8000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	100*22*19mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

