

- **Model:** HXLBQ-DTA818X
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 2700~3400MHz

- ★ 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	700MHz (2700 ~ 3400MHz) [Deviation: ± 40 MHz @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$]	
● Insertion Loss @ F0	≤ 1.0 dB @ 3050MHz	
● Return Loss	≥ 23 dB @ 500MHz Bandwidth (2800 ~ 3300MHz)	
● Stop Band Rejection	≥ 80 dB @ DC ~ 2050MHz	≥ 40 dB @ 3600 ~ 3750MHz
	≥ 40 dB @ 2050 ~ 2500MHz	≥ 80 dB @ 3750 ~ 8000MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
● Material	Housing: 6061 Aluminum alloy	Connectors: Stainless Steel
	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	100*20*21mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ± 0.3 mm)

