

- **Model:** HXLBQ-DTA829X
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 4900~6100MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	5500MHz	
● 3.0dB Bandwidth	1200MHz (4900 ~ 6100MHz) [Deviation: ± 50 MHz @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$]	
● Insertion Loss @ F0	$\leq 1.0\text{dB}$ @ 5500MHz	
● Return Loss	$\geq 20\text{dB}$ @ 5000 ~ 6000MHz	
● Stop Band Rejection	$\geq 80\text{dB}$ @ DC ~ 4400MHz	$\geq 40\text{dB}$ @ 6300 ~ 6600MHz
	$\geq 40\text{dB}$ @ 4400 ~ 4700MHz	$\geq 80\text{dB}$ @ 6600 ~ 13000MHz
● 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: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	100*17*12mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

