

# HXLBQ-DTA888

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	3.0GHz	
2	Pass Band Bandwidth	$\pm 0.5\text{GHz}$ (2.5 ~ 3.5GHz)	
3	Pass Band Insertion Loss	$\leq 0.6\text{dB}$	
4	Pass Band Ripple	$\leq 0.3\text{dB}$	
5	Pass Band VSWR	$\leq 1.15:1$	
6	Stop Band Rejection	$\geq 80\text{dB}$ @ DC ~ 1.1GHz $\geq 40\text{dB}$ @ 1.1 ~ 2.0GHz	$\geq 40\text{dB}$ @ 3.75 ~ 4.0GHz $\geq 80\text{dB}$ @ 4.0 ~ 9.0GHz
7	Impedance	50 Ohms	
8	Power Handling	10W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	90*22*19.5mm	
14	Net weight	0.194 KG	

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

