

# HXLBQ-DTA712LC

## LC Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	3100MHz
2	3.0dB Bandwidth	600MHz (2800 ~ 3400MHz) [Deviation: $\pm 30\text{MHz}$ @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$ ]
3	Insertion Loss @ F0	$\leq 2.2\text{dB}$ @ 3100MHz
4	Return Loss	$\geq 12\text{dB}$ @ 2880 ~ 3320MHz
5	Stop Band Rejection	$\geq 40\text{dB}$ @ DC ~ 2400MHz $\geq 40\text{dB}$ @ 3800 ~ 5500MHz
6	Impedance	50 Ohms
7	Power Handling	1.0W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
11	Material	Housing: 6061 Aluminum alloy    Connectors: Stainless Steel Cover: LY12 Aluminum alloy    Other screw: Stainless Steel
12	Dimensions	40*18*13mm
13	Net weight	0.025 KG

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

