

HXLBQ-DTA814LC

LC Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency (F0)	175MHz
2	3.0dB Bandwidth	50MHz (150 ~ 200MHz) [Deviation: $\pm 8.0\text{MHz}$ @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$]
3	Insertion Loss @ F0	$\leq 1.5\text{dB}$ @ 175MHz
4	VSWR	$\leq 1.4:1$ @ 40MHz Bandwidth (155 ~ 195MHz)
5	Stop Band Rejection	$\geq 40\text{dB}$ @ DC ~ 120MHz $\geq 40\text{dB}$ @ 250 ~ 800MHz
6	Impedance	50 Ohms
7	Power Handling	10W 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	60*24*15mm
13	Net weight	0.043 KG

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

