

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA1230LC
- **Frequency:** 560~640MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	600MHz
● 3.0dB Bandwidth	80MHz (560 ~ 640MHz) [Deviation: $\pm 6.0\text{MHz}$ @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$]
● Insertion Loss @ F0	$\leq 2.5\text{dB}$ @ 600MHz
● VSWR	$\leq 1.5:1$ @ 580 ~ 620MHz
● Stop Band Rejection	$\geq 40\text{dB}$ @ DC ~ 510MHz $\geq 40\text{dB}$ @ 700 ~ 2000MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
● Dimensions	40*18*13mm
● Net weight	0.025 KG

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

- **Material**
 - Housing: Aluminum alloy
 - Cover: Aluminum alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

