

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA1342LC
- **Frequency:** 60~80MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	70MHz	
● Pass Band Bandwidth	20MHz (60 ~ 80MHz)	
● Pass Band Insertion Loss	≤2.5dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band VSWR	≤1.3:1	
● Pass Band Group Delay Variation	≤30ns	
● Stop Band Rejection	≥40dB @ DC ~ 50MHz	≥40dB @ 90 ~ 500MHz ≥50dB @ 500 ~ 1300MHz
● Impedance	50 Ohms	
● Power Handling	1.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-10°C ~ +50°C	
● Net weight	0.02 KG	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

● Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

◆ Material

- Housing: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy

- Connectors: Stainless Steel
- Dimensions: 30*18*13mm

