

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA1165LC
- **Frequency:** 28~32MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	30MHz	
● Pass Band Frequency	28 ~ 32MHz	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band VSWR	≤1.4:1	
● Stop Band Rejection	≥60dB @ DC ~ 20MHz	≥60dB @ 45 ~ 300MHz
● Impedance	50 Ohms	
● Power Handling	1.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	30*18*13mm	
● 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
 - Connectors: Stainless Steel
 - Cover: LY12 Aluminum alloy
 - Other screw: Stainless Steel

