

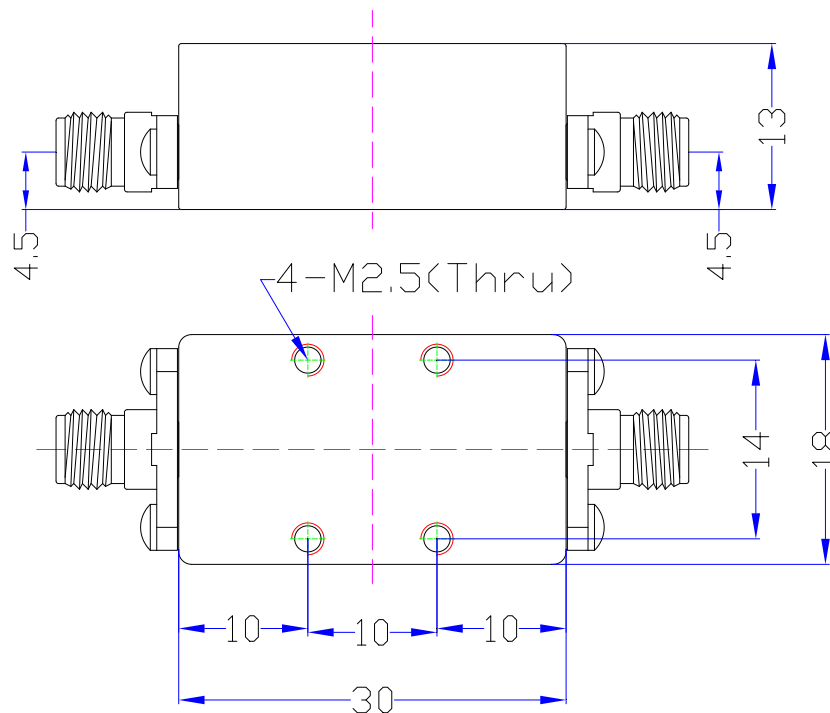
# HXLBQ-DTA684LC

## LC Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency	105MHz
2	Pass Band Frequency	100 ~ 110MHz **
3	Pass Band Insertion Loss	≤1.8dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return Loss	≥15dB
6	Stop Band Rejection	≥40dB @ DC ~ 80MHz      ≥40dB @ 137 ~ 500MHz
7	Impedance	50 Ohms
8	Power Handling	1.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30℃ ~ +70℃
12	Material	Housing: 6061 Aluminum alloy    Connectors: Stainless Steel Cover: LY12 Aluminum alloy    Other screw: Stainless Steel
13	Dimensions	30*18*13mm
14	Net weight	0.02 KG

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



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