

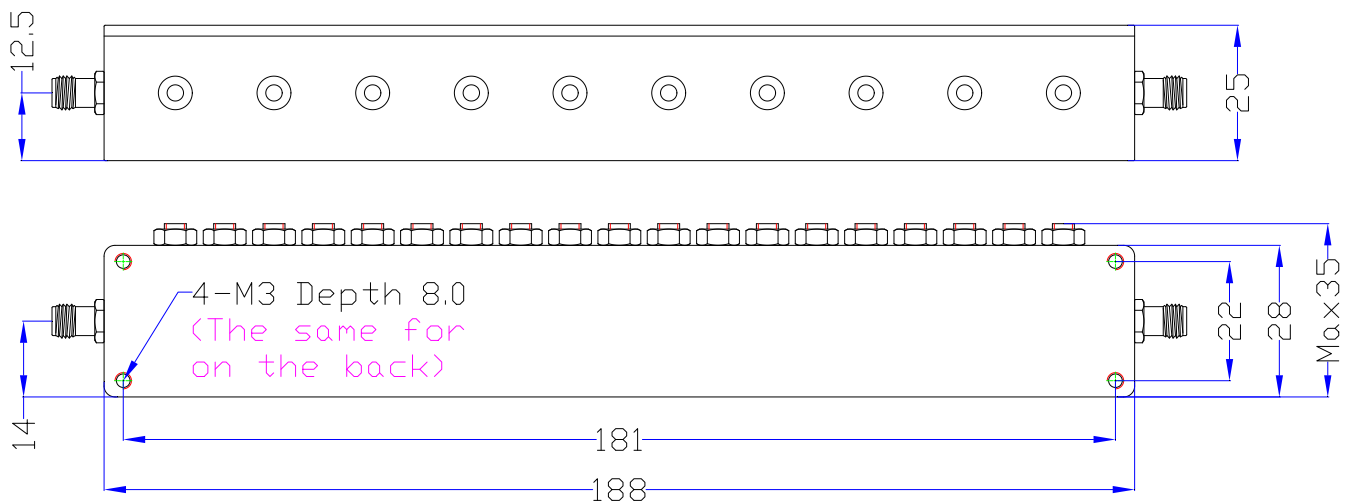
# HXLBQ-DTA697

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2350MHz
2	Pass Band Frequency	2300 ~ 2400MHz **
3	Pass Band Insertion Loss	≤1.3dB
4	Pass Band Ripple	≤0.6dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥90dB @ DC ~ 2200MHz      ≥90dB @ 2500 ~ 4500MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy      Connectors: Stainless Steel Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
13	Dimensions	188*28*25mm
14	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)



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