

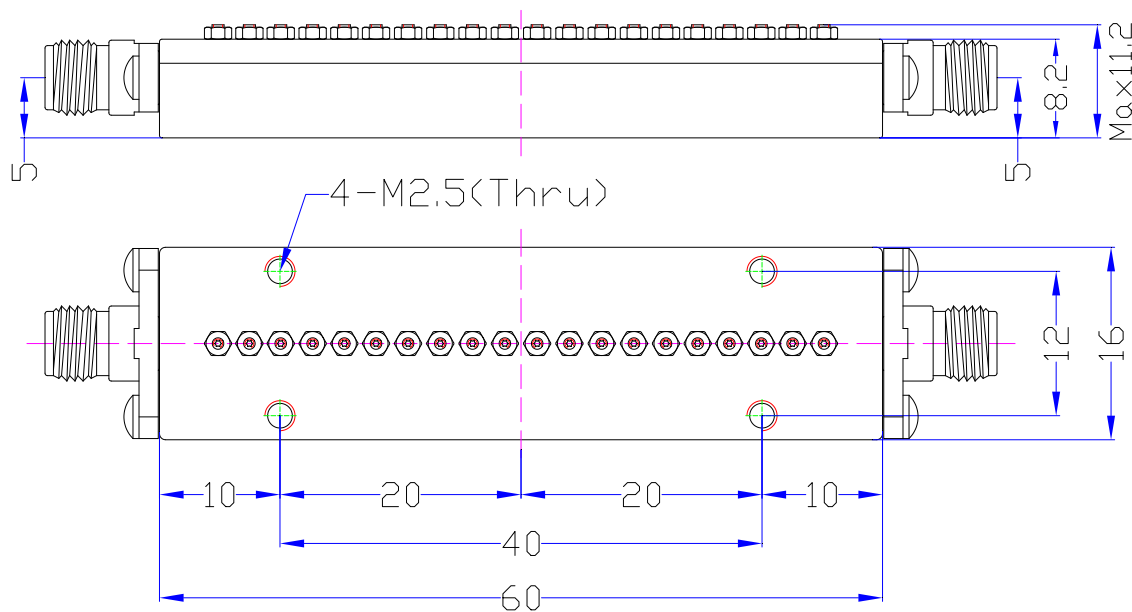
# HXLBQ-DTA1065

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	22.1GHz
2	Pass Band Frequency	16.7 ~ 27.5GHz **
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.56dB
5	Pass Band Return Loss	≥16dB (Typical: ≥18dB)
6	Stop Band Rejection	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">           ≥80dB @ DC ~ 14.55GHz            ≥50dB @ 14.55 ~ 15.48GHz         </div> <div style="width: 45%;">           ≥50dB @ 28.27 ~ 28.69GHz            ≥80dB @ 28.69 ~ 45GHz         </div> </div>
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	2.92mm(K)-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy        Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	60*16*8.2mm
14	Net weight	TBD

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.