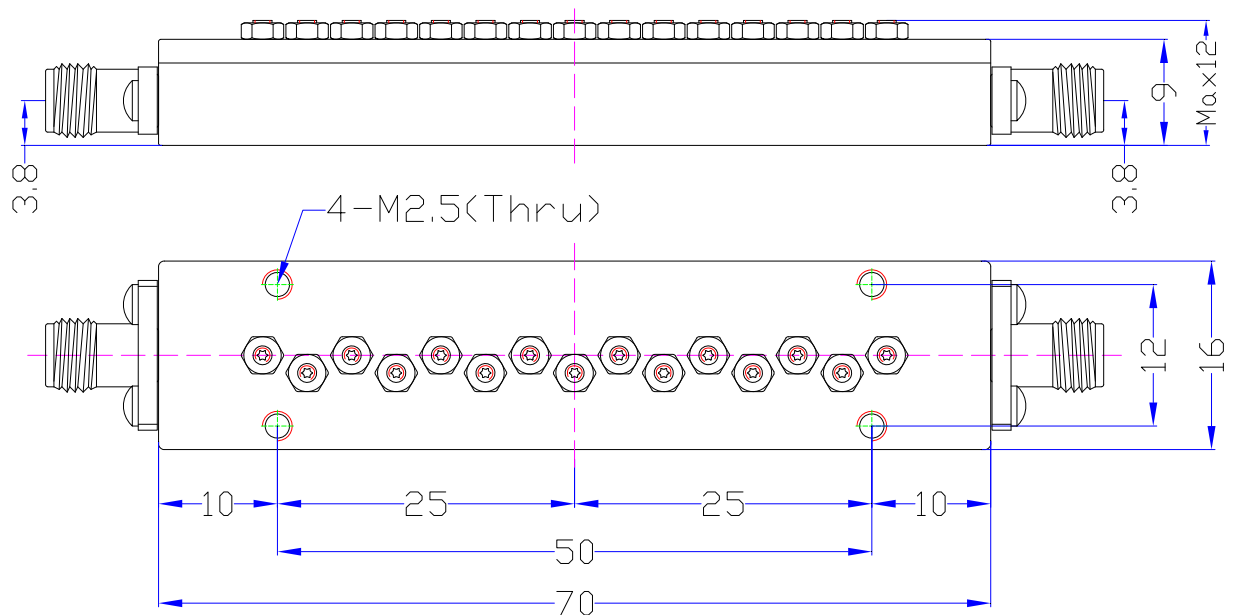


## Cavity Band Pass Filter Preliminary Specifications

Serial	Parameters	
1	Center Frequency(F0)	12.5GHz
2	Pass Band Bandwidth	0.5GHz (12.25~ 12.75GHz)
3	Pass Band Insertion Loss	≤1.1dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band VSWR	≤1.3:1
6	Stop Band Rejection	≥40dB @DC ~ 11.95GHz    ≥40dB @13.05 ~ 23GHz
7	Impedance	50 Ohms
8	Power	5WMax.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Dimensions	70*16*9mm
13	Net weight	TBD
14	Configuration	As below (Tolerance: ±0.3mm)



## Simulation

