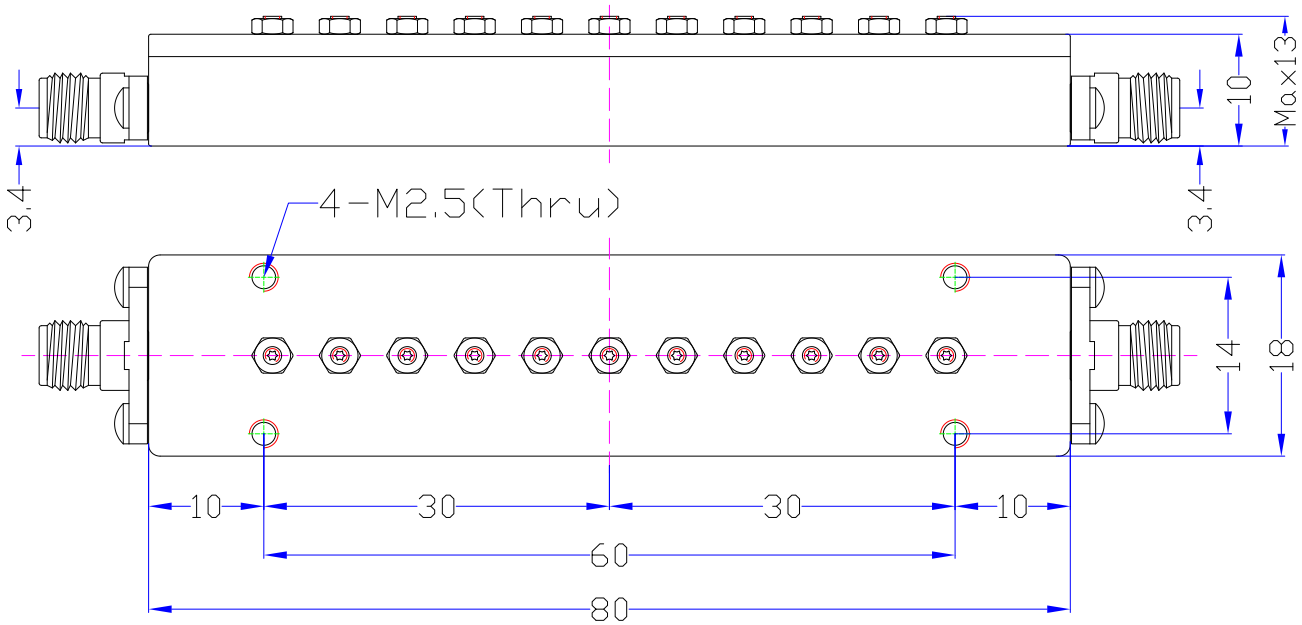
WT-A9968-Q06

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8482MHz	
2	Pass Band Frequency	8452 ~ 8512MHz **	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.08dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 8072MHz ≥50dB @ 8072 ~ 8252MHz	≥50dB @ 8712 ~ 8892MHz ≥80dB @ 8892 ~ 24000MHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30℃ ~ +70℃	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	80*18*10mm	
14	Net weight	0.086 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.