

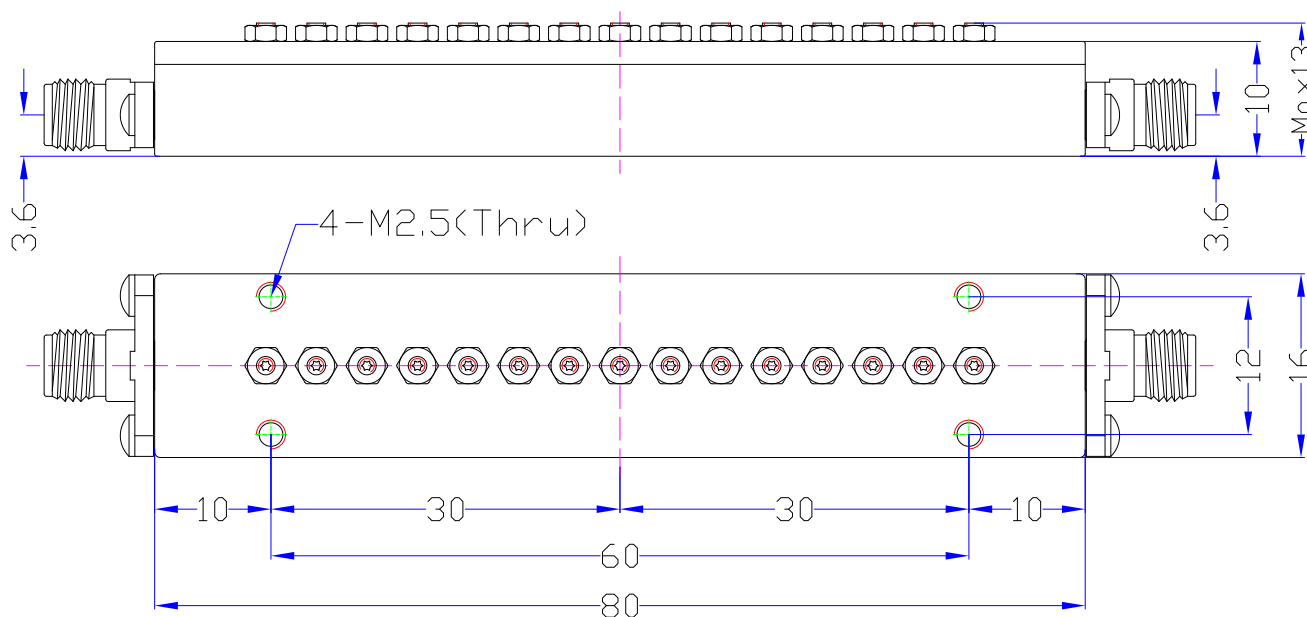
WT-A10438-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	8000MHz	
2	Pass Band Bandwidth	±100MHz (7900 ~ 8100MHz) **	
3	Pass Band Insertion Loss	≤1.2dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 7500MHz ≥45dB @ 7500 ~ 7700MHz	≥45dB @ 8300 ~ 8500MHz ≥80dB @ 8500 ~ 20000MHz
7	Impedance	50 Ohms	
8	Power Handling	10W 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*16*10mm	
14	Net weight	0.08 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)



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