

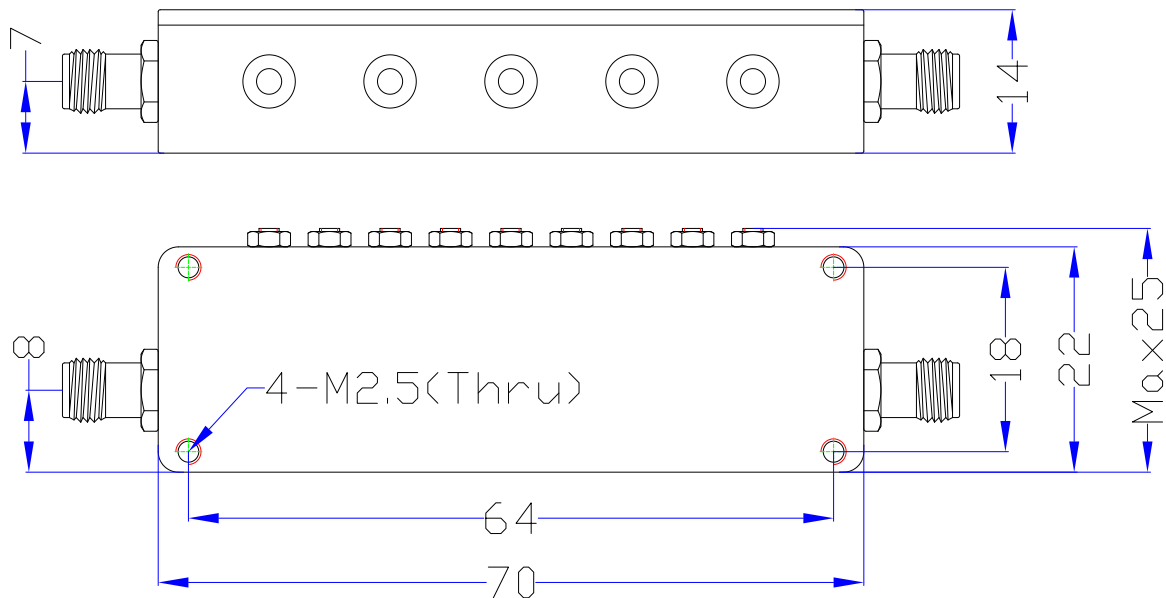
# WT-A9967-Q05

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	2856MHz	
2	Pass Band Bandwidth	10MHz (2851 ~ 2861MHz) **	
3	Pass Band Insertion Loss	≤3.5dB	
4	Pass Band Ripple	≤0.5dB	
5	Pass Band Return Loss	≥23dB	
6	Pass Band Group Delay	≤45ns	
7	Stop Band Rejection	≥70dB @ DC ~ 2766MHz ≥40dB @ 2766 ~ 2811MHz	≥40dB @ 2901 ~ 2946MHz ≥70dB @ 2946 ~ 9500MHz
8	Impedance	50 Ohms	
9	Power Handling	5.0W Max.	
10	Connectors	SMA-Female	
11	Surface Finish	Painted Black	
12	Temperature Range	-20°C ~ +60°C	
13	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
14	Dimensions	70*22*14mm	
	Net weight	0.045 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



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