

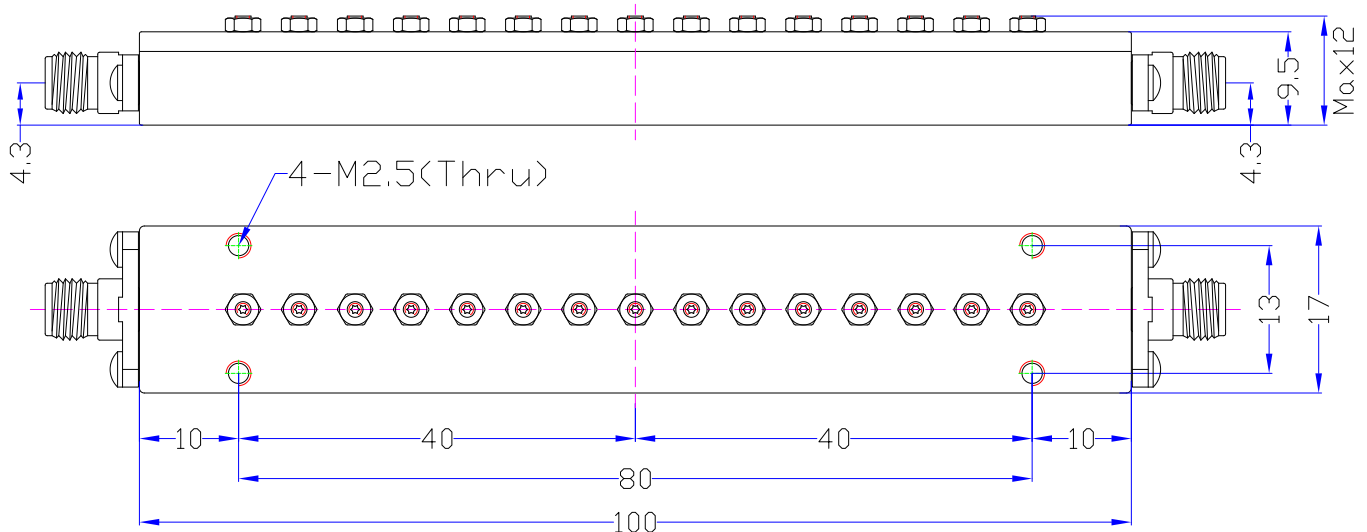
# WT-A10056-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	9050MHz						
2	Pass Band Frequency	8950 ~ 9150MHz **						
3	Pass Band Insertion Loss	≤1.5dB						
4	Pass Band Ripple	≤0.4dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 8600MHz</td> <td style="width: 50%;">≥45dB @ 9300 ~ 9500MHz</td> </tr> <tr> <td>≥45dB @ 8600 ~ 8800MHz</td> <td>≥80dB @ 9500 ~ 25000MHz</td> </tr> </table>	≥80dB @ DC ~ 8600MHz	≥45dB @ 9300 ~ 9500MHz	≥45dB @ 8600 ~ 8800MHz	≥80dB @ 9500 ~ 25000MHz		
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≥45dB @ 8600 ~ 8800MHz	≥80dB @ 9500 ~ 25000MHz							
7	Impedance	50 Ohms						
8	Power Handling	10W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: H62 Copper alloy</td> <td style="width: 50%;">Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2">Tuning screw: H62 Copper alloy</td> </tr> </table>	Housing: H62 Copper alloy	Connectors: Stainless Steel	Cover: H62 Copper alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	100*17*9.5mm						
14	Net weight	0.102 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.