

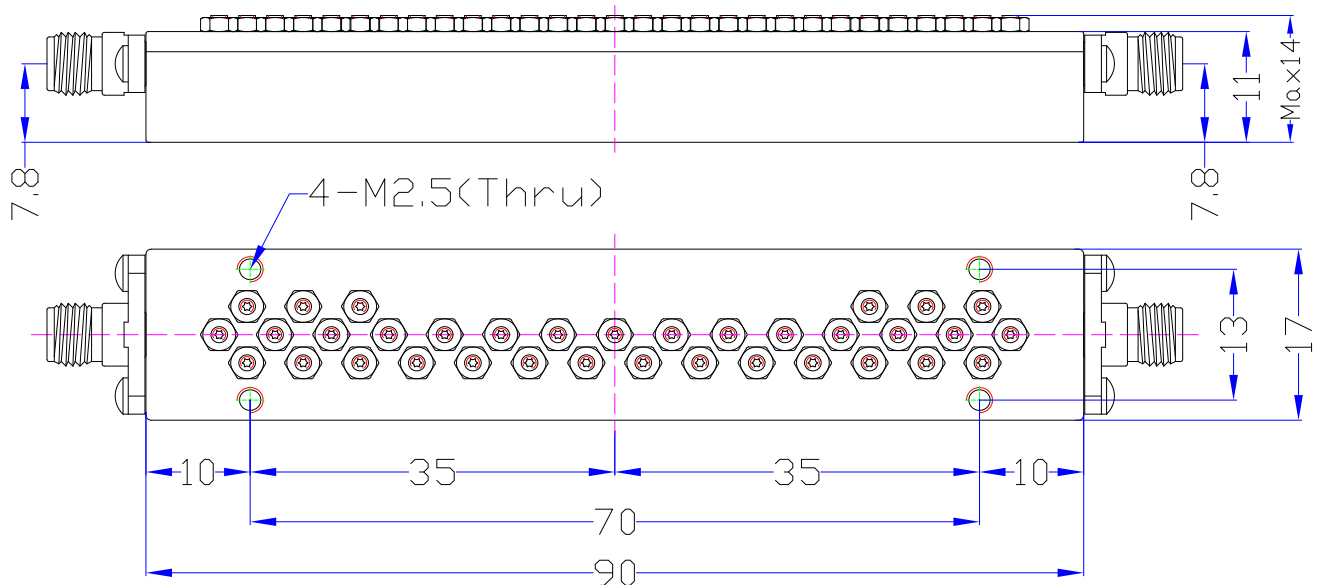
# WT-A10027-S15

## Comb Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	6900MHz						
2	Pass Band Frequency	5800 ~ 8000MHz **						
3	Pass Band Insertion Loss	≤0.6dB						
4	Pass Band Ripple	≤0.35dB						
5	Pass Band Return Loss	≥20dB						
6	Stop Band Rejection	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>≥80dB @ DC ~ 4850MHz</td> <td>≥40dB @ 8370 ~ 8650MHz</td> </tr> <tr> <td>≥40dB @ 4850 ~ 5400MHz</td> <td>≥80dB @ 8650 ~ 20000MHz</td> </tr> </table>	≥80dB @ DC ~ 4850MHz	≥40dB @ 8370 ~ 8650MHz	≥40dB @ 4850 ~ 5400MHz	≥80dB @ 8650 ~ 20000MHz		
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≥40dB @ 4850 ~ 5400MHz	≥80dB @ 8650 ~ 20000MHz							
7	Impedance	50 Ohms						
8	Power Handling	5.0W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Material	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>Housing: H62 Copper alloy</td> <td>Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td>Tuning screw: H62 Copper alloy</td> <td></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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Tuning screw: H62 Copper alloy								
13	Dimensions	90*17*11mm						
14	Net weight	0.106 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.