

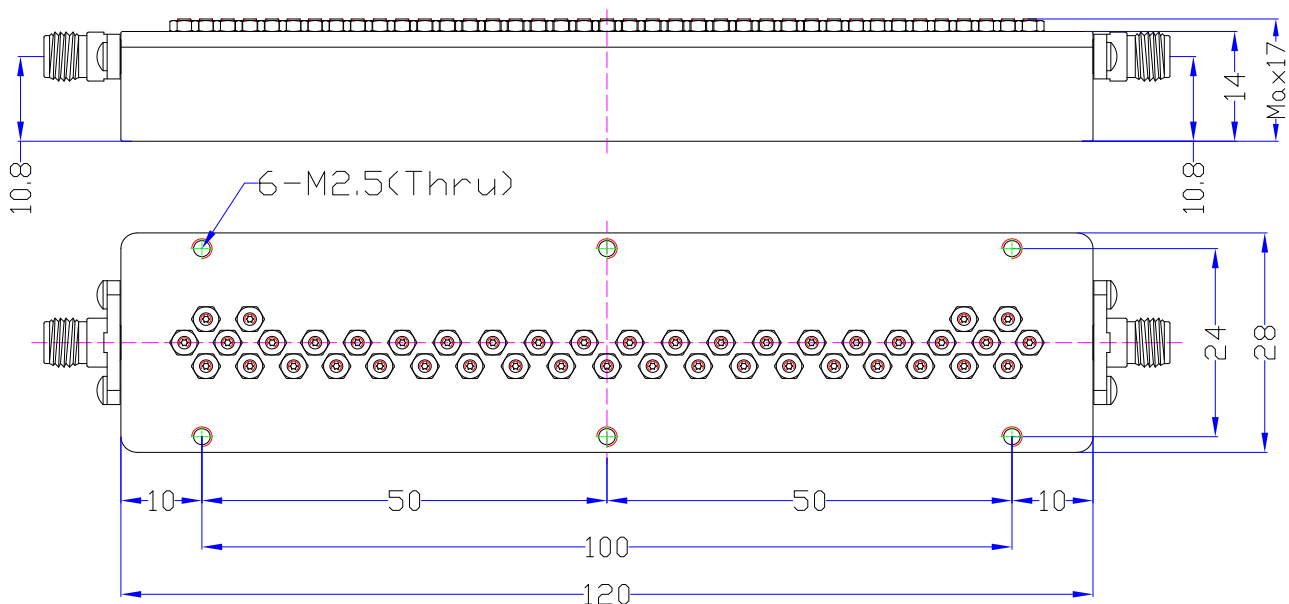
WT-A10654-S20

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	5700MHz						
2	Pass Band Frequency	3800 ~ 7600MHz **						
3	Pass Band Insertion Loss	≤0.9dB						
4	Pass Band Ripple	≤0.65dB						
5	Pass Band Return Loss	≥18dB						
6	Stop Band Rejection	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">≥80dB @ DC ~ 2500MHz</td> <td style="width: 50%; padding: 2px;">≥35dB @ 7750 ~ 7900MHz</td> </tr> <tr> <td style="padding: 2px;">≥20dB @ 2500 ~ 3550MHz</td> <td style="padding: 2px;">≥80dB @ 7900 ~ 14000MHz</td> </tr> <tr> <td style="padding: 2px;">≥10dB @ 3550 ~ 3650MHz</td> <td></td> </tr> </table>	≥80dB @ DC ~ 2500MHz	≥35dB @ 7750 ~ 7900MHz	≥20dB @ 2500 ~ 3550MHz	≥80dB @ 7900 ~ 14000MHz	≥10dB @ 3550 ~ 3650MHz	
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7	Impedance	50 Ohms						
8	Power Handling	5.0W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-10°C ~ +50°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>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	120*28*14mm						
14	Net weight	0.226 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.