

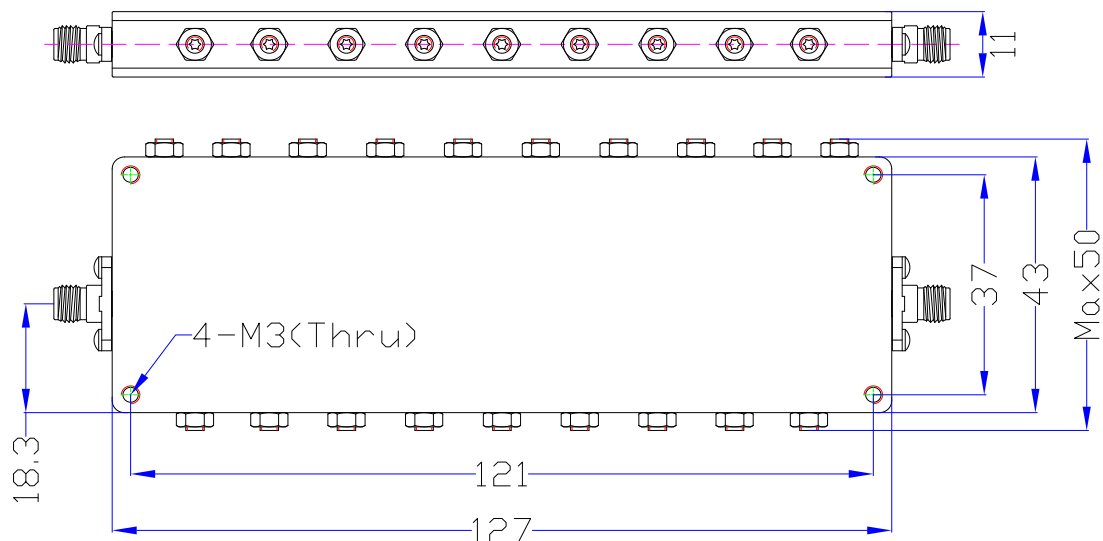
# WT-A10541-J19

## Interdigital Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	1990MHz						
2	Pass Band Frequency	1690 ~ 2290MHz **						
3	Pass Band Insertion Loss	≤2.0dB						
4	Pass Band Ripple	≤1.5dB						
5	Pass Band Return Loss	≥14dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥40dB @ DC ~ 1640MHz</td> <td style="width: 50%;">≥30dB @ 2330 ~ 2340MHz</td> </tr> <tr> <td>≥30dB @ 1640 ~ 1650MHz</td> <td>≥40dB @ 2340 ~ 3800MHz</td> </tr> </table>	≥40dB @ DC ~ 1640MHz	≥30dB @ 2330 ~ 2340MHz	≥30dB @ 1640 ~ 1650MHz	≥40dB @ 2340 ~ 3800MHz		
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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	-20°C ~ +60°C						
12	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: 6061 Aluminum alloy</td> <td style="width: 50%;">Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2">Tuning screw: H62 Copper alloy</td> </tr> </table>	Housing: 6061 Aluminum alloy	Connectors: Stainless Steel	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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13	Dimensions	127*43*11mm						
14	Net weight	0.11 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.