

# WT-A9294-Q17

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	5537.5MHz						
2	Pass Band Frequency	5150 ~ 5925MHz						
3	Pass Band Insertion Loss	≤1.7dB						
4	Pass Band Ripple	≤0.9dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 4957MHz</td> <td style="width: 50%;">≥55dB @ 6038 ~ 6118MHz</td> </tr> <tr> <td>≥50dB @ 4957 ~ 5037MHz</td> <td>≥80dB @ 6118 ~ 18500MHz</td> </tr> </table>	≥80dB @ DC ~ 4957MHz	≥55dB @ 6038 ~ 6118MHz	≥50dB @ 4957 ~ 5037MHz	≥80dB @ 6118 ~ 18500MHz		
≥80dB @ DC ~ 4957MHz	≥55dB @ 6038 ~ 6118MHz							
≥50dB @ 4957 ~ 5037MHz	≥80dB @ 6118 ~ 18500MHz							
7	Impedance	50 Ohms						
8	Power	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	
Housing: H62 Copper alloy	Connectors: Stainless Steel							
Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	120*16*11.5mm						
14	Net weight	0.136 KG						

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

