

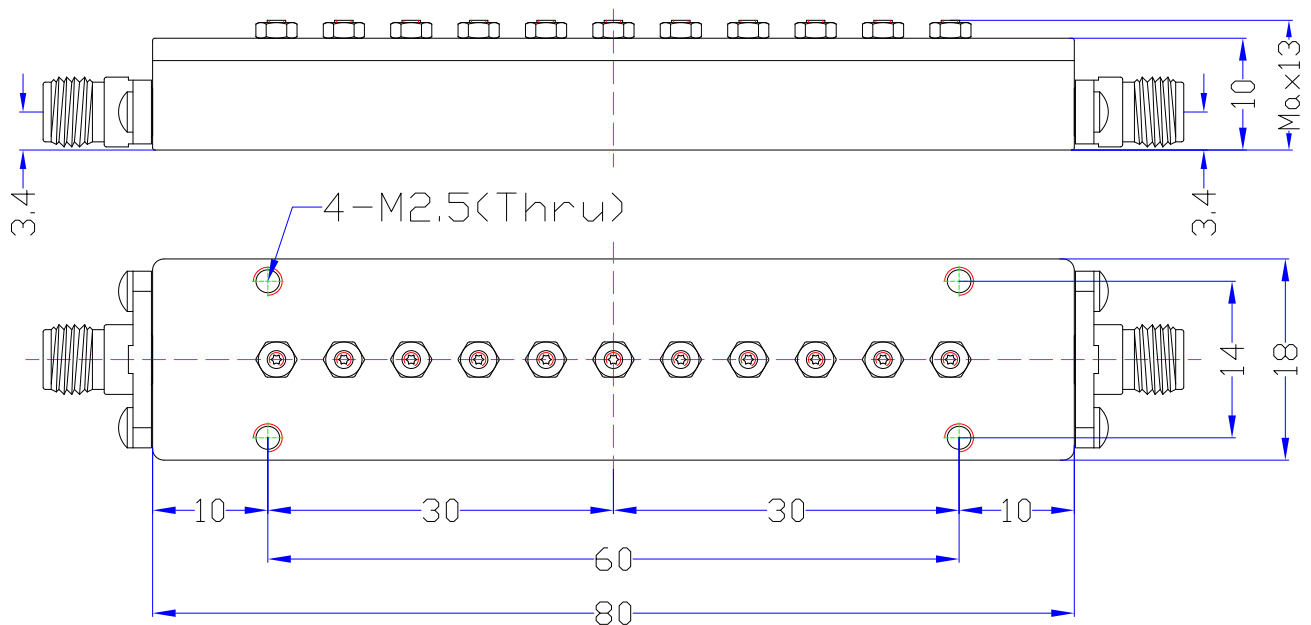
WT-A9969-Q06

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	7219MHz						
2	Pass Band Frequency	7189 ~ 7249MHz **						
3	Pass Band Insertion Loss	≤0.95dB						
4	Pass Band Ripple	≤0.08dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>≥80dB @ DC ~ 6809MHz</td> <td>≥50dB @ 7449 ~ 7629MHz</td> </tr> <tr> <td>≥50dB @ 6809 ~ 6989MHz</td> <td>≥80dB @ 7629 ~ 17000MHz</td> </tr> </table>	≥80dB @ DC ~ 6809MHz	≥50dB @ 7449 ~ 7629MHz	≥50dB @ 6809 ~ 6989MHz	≥80dB @ 7629 ~ 17000MHz		
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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	-30°C ~ +70°C						
12	Material	<table border="1" style="display: inline-table; border-collapse: collapse;"> <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 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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Tuning screw: H62 Copper alloy								
13	Dimensions	80*18*10mm						
14	Net weight	0.086 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.