

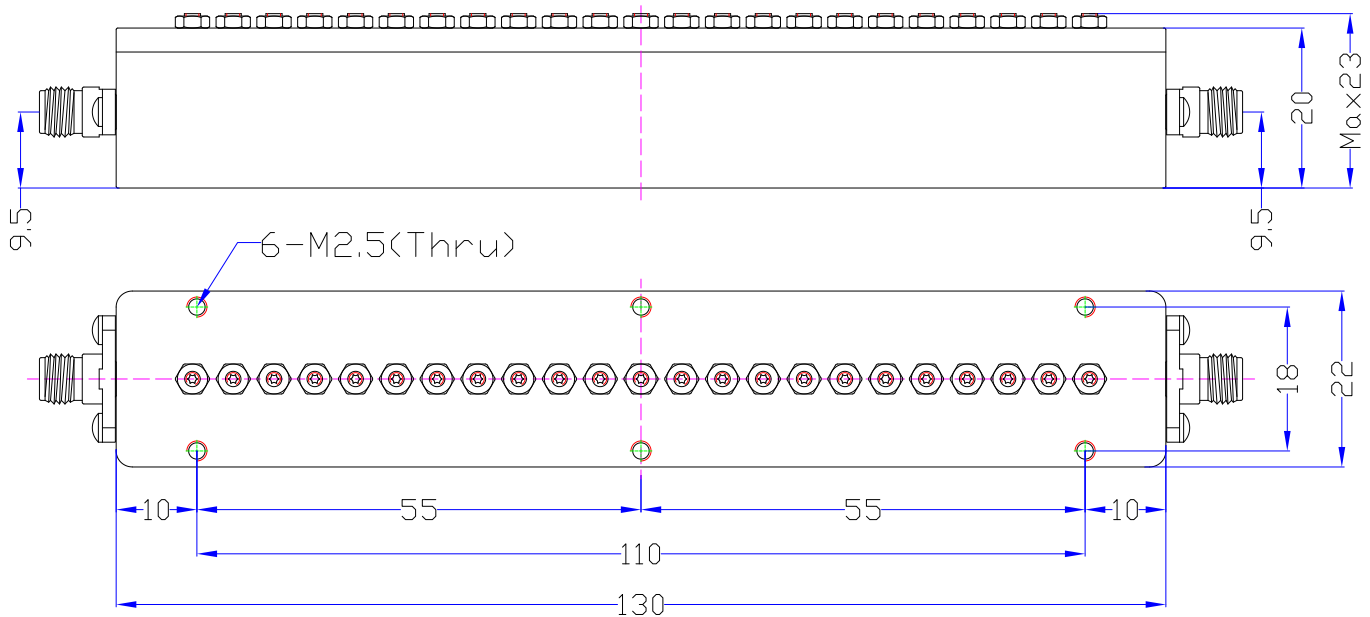
WT-A10055-Q12

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters				
1	Center Frequency(F0)	2850MHz				
2	Pass Band Frequency	2700 ~ 3000MHz **				
3	Pass Band Insertion Loss	≤1.0dB				
4	Pass Band Ripple	≤0.45dB				
5	Pass Band Return Loss	≥23dB				
6	Stop Band Rejection	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>≥80dB @ DC ~ 2545MHz</td> <td>≥40dB @ 3070 ~ 3140MHz</td> </tr> <tr> <td>≥40dB @ 2545 ~ 2630MHz</td> <td>≥80dB @ 3140 ~ 10000MHz</td> </tr> </table>	≥80dB @ DC ~ 2545MHz	≥40dB @ 3070 ~ 3140MHz	≥40dB @ 2545 ~ 2630MHz	≥80dB @ 3140 ~ 10000MHz
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7	Impedance	50 Ohms				
8	Power Handling	10W Max.				
9	Connectors	SMA-Female				
10	Surface Finish	Painted Black				
11	Temperature Range	-30°C ~ +70°C				
12	Material	Housing: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy				
13	Dimensions	130*22*20mm				
14	Net weight	0.108 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.