

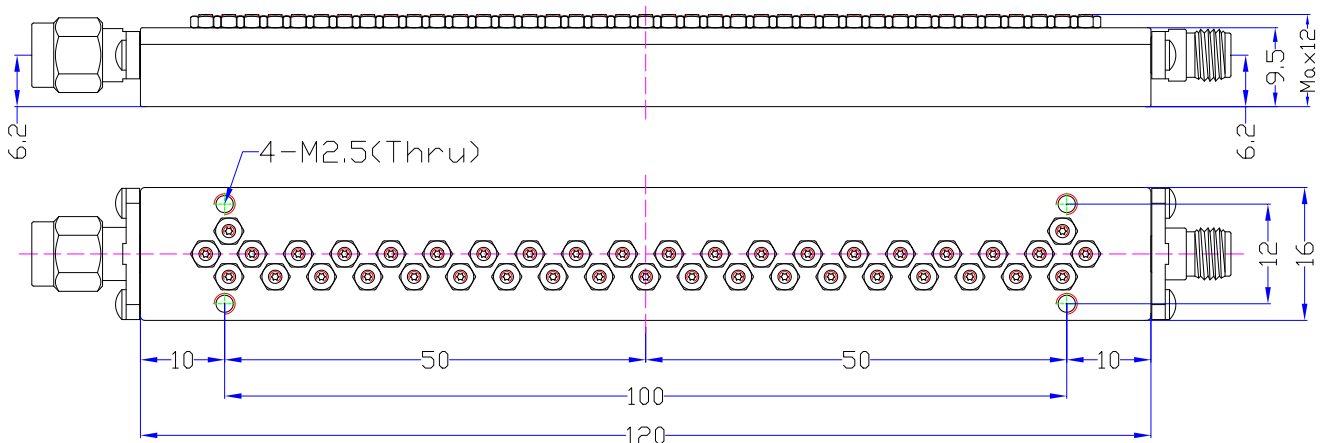
HXLBQ-DTA952

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	7200MHz						
2	Pass Band Frequency	6500 ~ 7900MHz **						
3	Pass Band Insertion Loss	≤1.7dB (Typical: ≤1.5dB)						
4	Pass Band Ripple	≤0.85dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 6225MHz</td> <td style="width: 50%;">≥20dB @ 8000 ~ 8100MHz</td> </tr> <tr> <td>≥60dB @ 6225 ~ 6300MHz</td> <td>≥62dB @ 8100 ~ 8155MHz</td> </tr> <tr> <td>≥20dB @ 6300 ~ 6400MHz</td> <td>≥80dB @ 8155 ~ 23000MHz</td> </tr> </table>	≥80dB @ DC ~ 6225MHz	≥20dB @ 8000 ~ 8100MHz	≥60dB @ 6225 ~ 6300MHz	≥62dB @ 8100 ~ 8155MHz	≥20dB @ 6300 ~ 6400MHz	≥80dB @ 8155 ~ 23000MHz
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7	Impedance	50 Ohms						
8	Power	5.0W Max.						
9	Connectors	SMA-Male / SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-10°C ~ +50°C						
12	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy						
13	Dimensions	120*16*9.5mm						
14	Net weight	TBD						

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.