

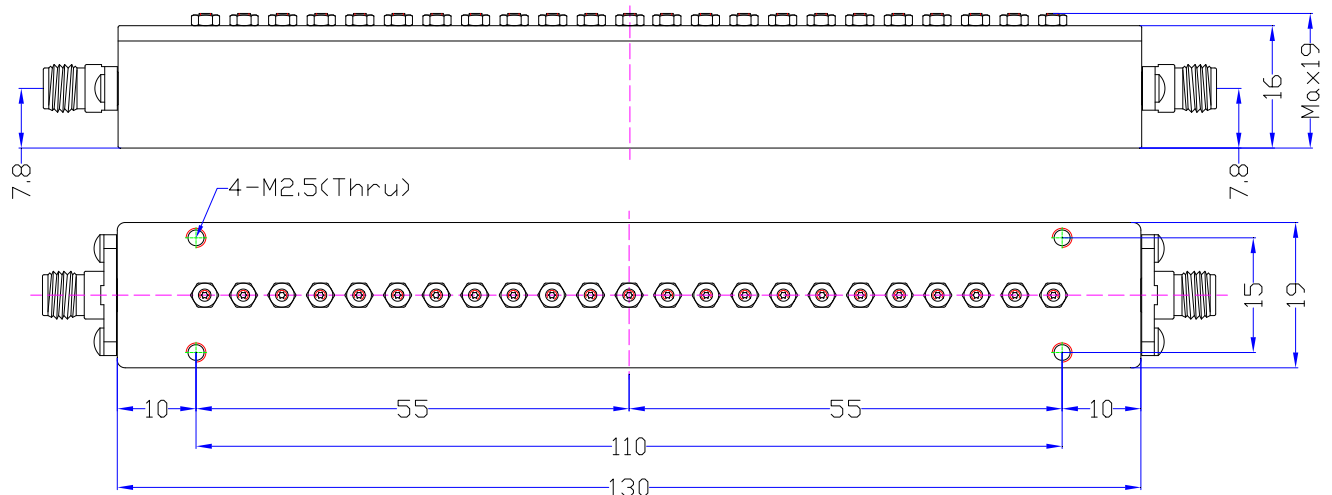
HXLBQ-DTA929

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	3900MHz						
2	Pass Band Frequency	3800 ~ 4000MHz **						
3	Pass Band Insertion Loss	≤0.8dB						
4	Pass Band Ripple	≤0.3dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 3550MHz</td> <td style="width: 50%;">≥40dB @ 4150 ~ 4210MHz</td> </tr> <tr> <td>≥70dB @ 3550 ~ 3590MHz</td> <td>≥70dB @ 4210 ~ 4250MHz</td> </tr> <tr> <td>≥40dB @ 3590 ~ 3650MHz</td> <td>≥80dB @ 4250 ~ 10000MHz</td> </tr> </table>	≥80dB @ DC ~ 3550MHz	≥40dB @ 4150 ~ 4210MHz	≥70dB @ 3550 ~ 3590MHz	≥70dB @ 4210 ~ 4250MHz	≥40dB @ 3590 ~ 3650MHz	≥80dB @ 4250 ~ 10000MHz
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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	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy						
13	Dimensions	130*19*16mm						
14	Net weight	0.215 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.