

Technical proposal for JX-CF1-2570M2615M-20S Filter

Revision History

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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 108mm x 98mm x 34mm(± 0.2 mm)
Port connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

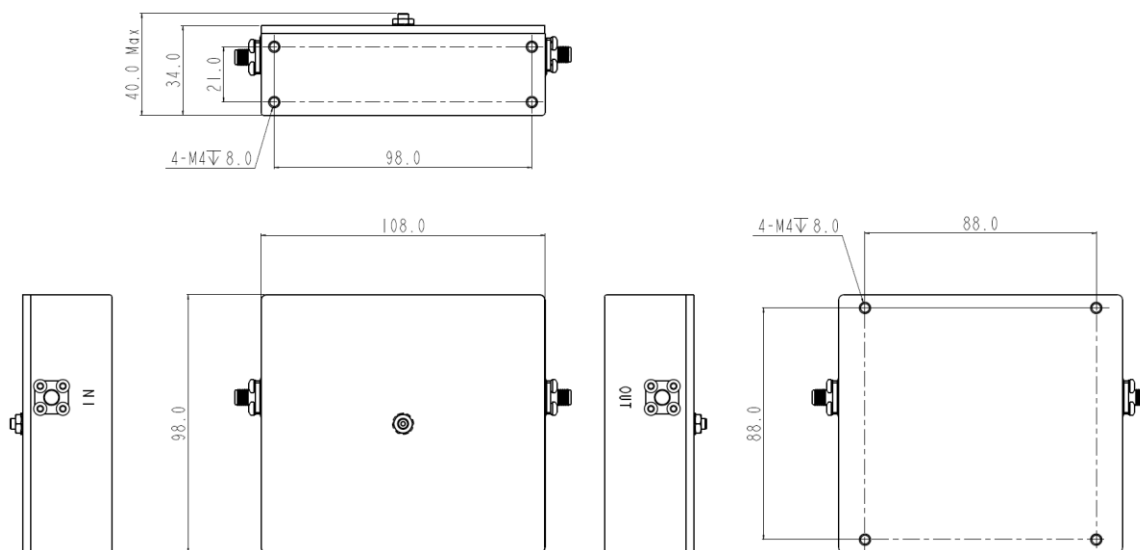


Figure 1 JX-CF1-2570M2615M-20S Filter front panel layout

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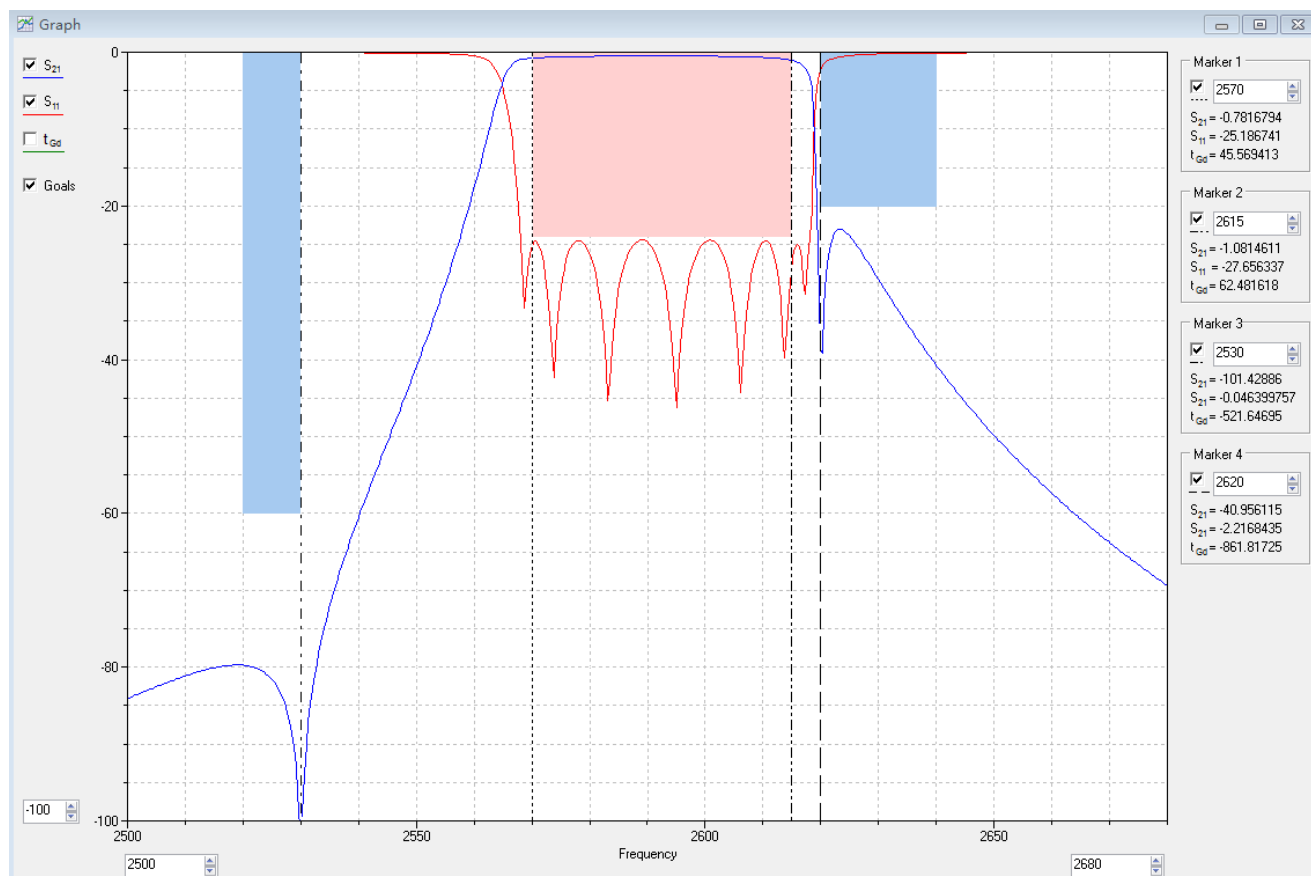
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2. Electrical analysis

Table 2 Electrical specifications

1	Frequency Range	2570-2615MHz	OK
2	Insertion Loss	≤1.2dB	OK
3	Return Loss	≥18dB	OK
4	Rejection	≥60dB@2530MHz; ≥20dB@2620MHz	OK
5	Operating Temp	0°C to 70°C	OK
6	Power	47dBm(Average Power);55dBm(Peak Power)	OK
7	Impedance	50Ω	OK

The simulation curve



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