

Technical proposal for JX-CF1-902M928M-03N Filter

Revision History

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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	L x W x H: 177.8mm x 76.2mm x 21.8mm(±0.2mm)
Port connectors	N-Female
Finish	Gray Paint
Notes	Material shall be RoHS 6/6

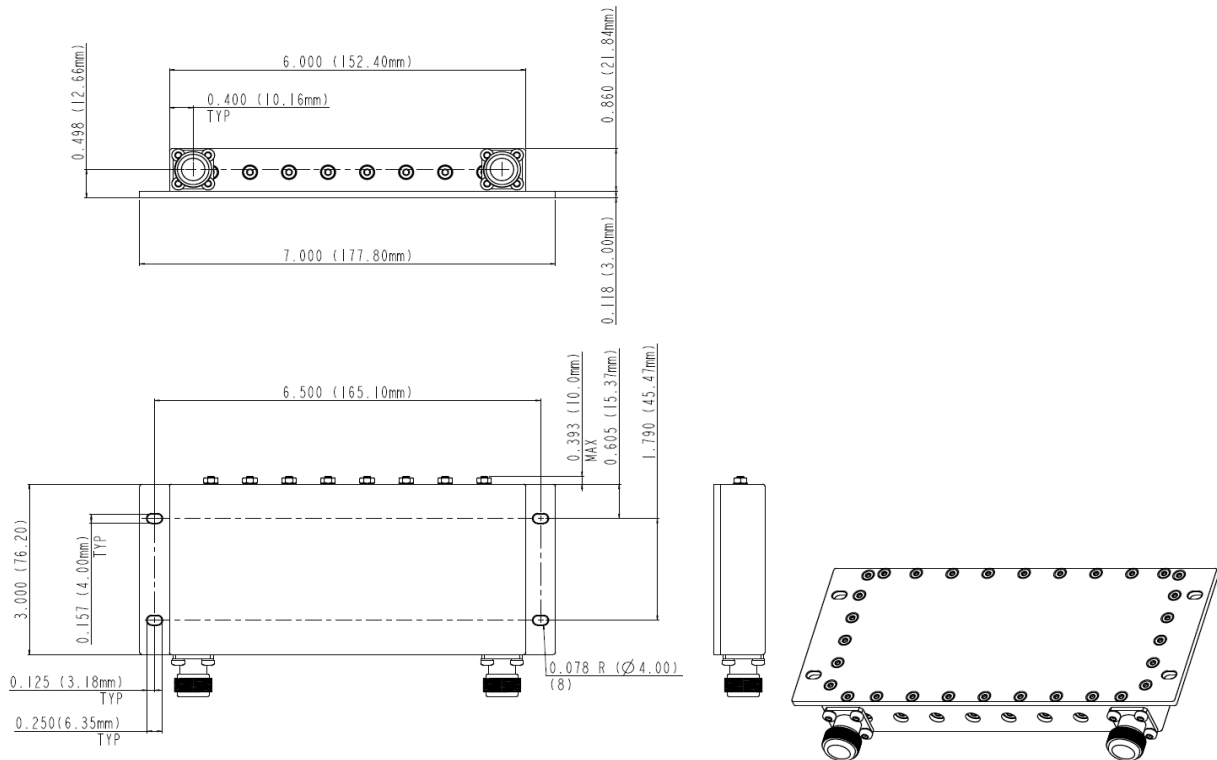


Figure 1 JX-CF1-902M928M-03N Filter front panel layout

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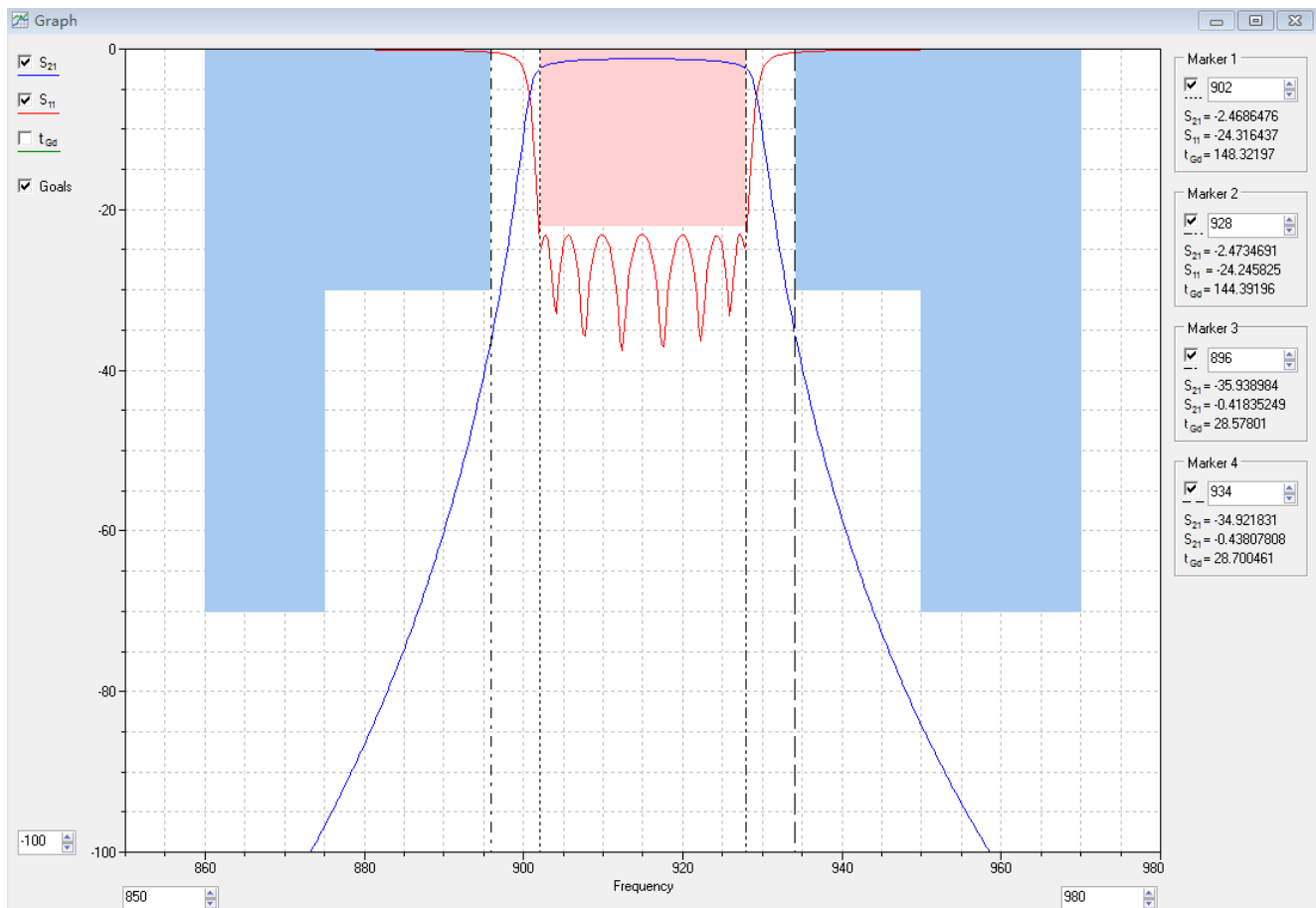
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2. Electrical analysis

Table 2 Electrical specifications

1	Center Frequency (F0)	915 MHz		OK
2	Relative BW3	26 MHz		OK
3	Insertion loss at (F0)	≤1.5dB		OK
4	VSWR	≤1.5:1		OK
5	Rejection	≥30dB@896MHz	≥30dB@934MHz	OK
		≥70dB@5~875MHz	≥70dB@955~2000MHz	
6	Operating Temp	-10°C to +65°C		OK
7	Power	90 Watts CW		OK
8	Impedanz	50Ω		OK

The simulation curve



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