

Technical proposal for JX-DF1-2470M2530M-55P Dielectric Filter

◆ High Performance

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2021/11/09	Lee	Created	/

Table of content

Technical proposal for JX-DF1-2470M2530M-55P Dielectric Filter	1
1. Mechanical layout.....	1
2. Electrical specification	2

Figures

Figure 1 JX-DF1-2470M2530M-55P front panel layout.....	2
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Tables

Table 1 Mechanical specifications @ JX-DF1-2470M2530M-55P	1
Table 2 Electrical specifications @ JX-DF1-2470M2530M-55P	2

1. Mechanical layout

Table 1 Mechanical specifications @ JX-DF1-2470M2530M-55P

Dimension	L x W x H: 17.8mm x 12.7mm x 5.08mm
Connectors	SMD
Notes	Material shall be RoHS 6/6

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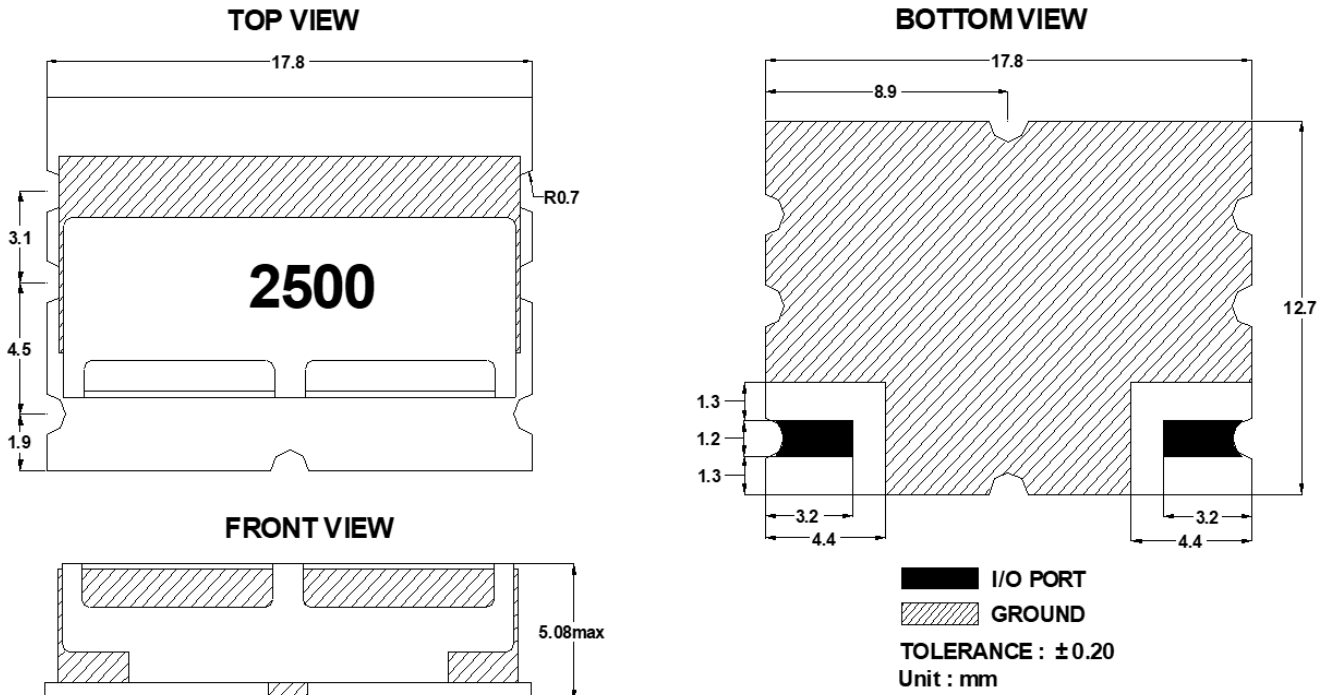


Figure 1 JX-DF1-2470M2530M-55P front panel layout

2. Electrical specification

Table 2 Electrical specifications @ JX-DF1-2470M2530M-55P

Item	Parameter	Specifications
1	Center Frequency (f ₀)	2500MHz
2	-3dB Bantwidth	≥60MHz
3	Insertion Loss @ f ₀	≤2.32dB
4	VSWR in BW	≤2.0:1
5	Attenuation [Absolute Value]	≥55dB@2000MHz ≥50dB@3000MHz
6	Input Power	≤1.0W
7	In/Out Impedance	50Ω
8	Operation temperature range	-40°C to +85°C

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