



Document	Document Number	Revision	Date
Spec Sheet	FTB330380A01	C	16-May-2019

LTCC FILTER

P/N : FTB330380A01

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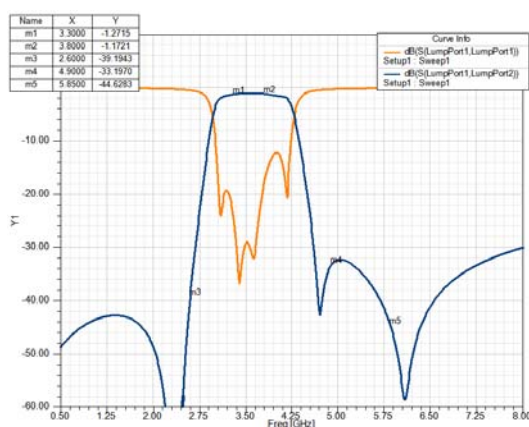
Revision	Description	Date
A	Initial Release	07-Mar-2019
B	Handling Power Spec added	25-Mar-2019
C	Add Land Pattern and Declaration	16-Mar-2019

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1. Electrical Specifications

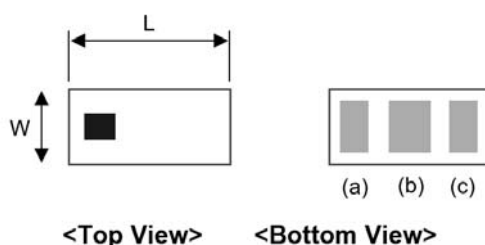
Parameter	Specification	Simulation	Proposal
Pass band Frequency	3300MHz ~ 3800MHz		
Insertion Loss	2.0dB max.	1.27	OK
Return Loss	10.0dB min.	12	OK
Handling Power	5W max.		
Operating Temp. Range	-40 ~85°C		
Attenuation	30dB min @ 1400MHz ~ 2000MHz	42	OK
	25dB min @ 2400MHz ~ 2700MHz	32	OK
	30dB min @ 4900MHz ~ 5850MHz	33.19	OK

2. Simulation Data



3. Mechanical Specification

*(a)IN PUT, (b) GND, (c) OUTPUT

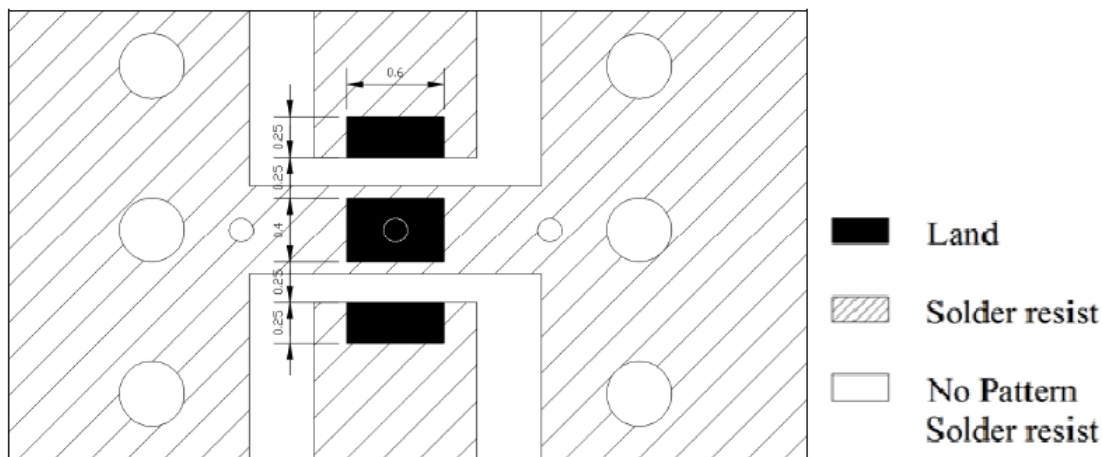


Parameter	Specification	Proposal
Dimension	1.60mm*0.80mm*0.6mm (L*W*H)	

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4. Recommended Land Pattern

(Unit : mm)



Line width to be designed to match 50Ω characteristic impedance, depending on PCB material and thickness.

5. Material Declaration

- This product complies with RoHS requirements.
- MSL : LEVEL 1