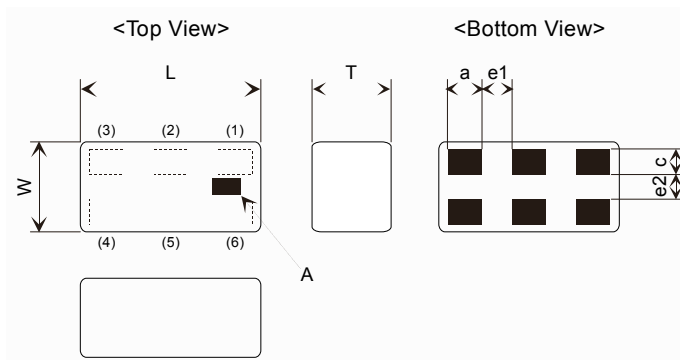


## LOW PASS FILTER (Preliminary)

### 1. Characteristics (at -40~ + 85°C)

Part Number	LFL151G81TF1E320TEMP	
Pass Band Range	1427.00 ~ 2200.00 MHz	
Nominal Characteristics Impedance	50 Ω	
Insertion Loss (dB)	1427 ~ 2025 MHz	0.53 dB max. at 25°C 0.63dB max.at -40~+85°C
	2025 ~ 2200 MHz	0.61 dB max.at 25°C 0.71dB max.at -40~+85°C
Attenuation (dB)	3400 ~ 3800 MHz	27.5 dB min
	5150 ~ 5850 MHz	20.5 dB min
V.S.W.R.	1427 ~ 2200 MHz	1.6 max
Power Capacity	1.5W max.	

### 2. Construction,Dimensions&Marking



Mark	Meaning
A	Directional Input Mark

(in mm)

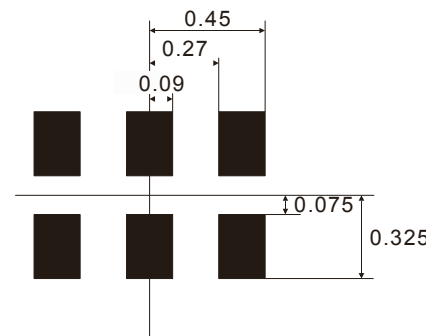
Mark	Dimension	Mark	Dimension	Mark	Dimension
L	1.00 + 0.05 /-0.075	a	0.18±0.05	e1	0.18±0.05
W	0.50 + 0.05 /-0.075	c	0.125±0.05	e2	0.15±0.05
T	0.4 max.	-	-	-	-

#### TERMINAL CONFIGURATION

Terminal No.	Terminal Name	Terminal No.	Terminal Name
(1)	NC	(4)	OUT
(2)	GND	(5)	GND
(3)	NC	(6)	IN

\* Terminal of " NC "should be fixed to the no connected pattern.

### 3. Land Pattern



Land

(in mm)

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

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- Burning / explosion control equipment
- Application of similar complexity and/ or reliability requirements to the applications listed in the above.
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