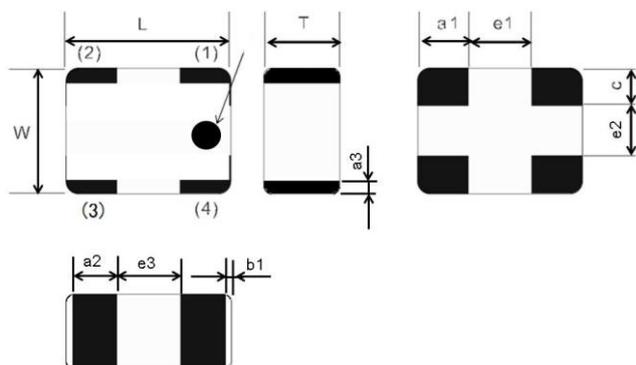


LOW PASS FILTER (Preliminary)

1. Characteristics (at -40 ~+85°C)

Part Number	LFL0Q2G45TR2E268
Nominal Characteristics Impedance	50 Ω (Nominal)
Nominal Center Frequency	2450.00 MHz
Pass Band Range (BW)	$f_0 \pm 50.00$ MHz
Insertion Loss in BW	0.40 max.(at 25°C) 0.50 max. (at -40°C ~ +85°C)
Attenuation (Absolute value)	26.0dB at 4800.00~5000.00MHz 28.0dB at 7200.00~7500.00MHz
V.S.W.R in BW	1.80Max
Power Capacity	3.0W max.

2. Construction,Dimensions&Marking

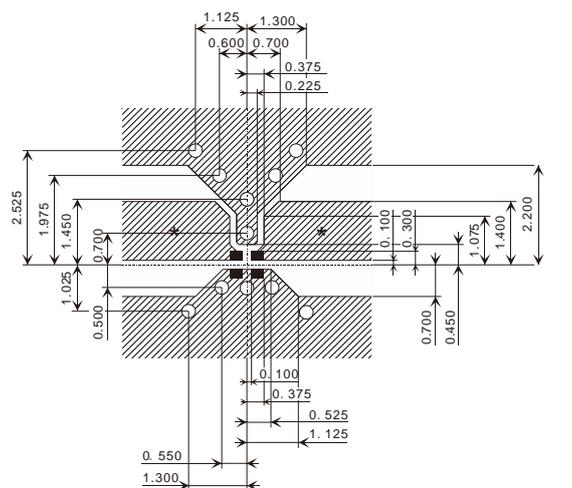


Mark	Dimension	Mark	Dimension	Mark	Dimension
L	0.65 ± 0.05	a2	0.2 ± 0.1	e2	0.2 ± 0.1
W	0.50 ± 0.05	a3	$0.0 +0.15/-0.0$	e3	0.25 ± 0.10
T	0.3 max.	b1	$0.0 +0.05/-0.0$	c	0.15 ± 0.10
a1	0.2 ± 0.1	e1	0.25 ± 0.10	-	-

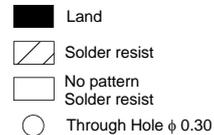
TERMINAL CONFIGURATION

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

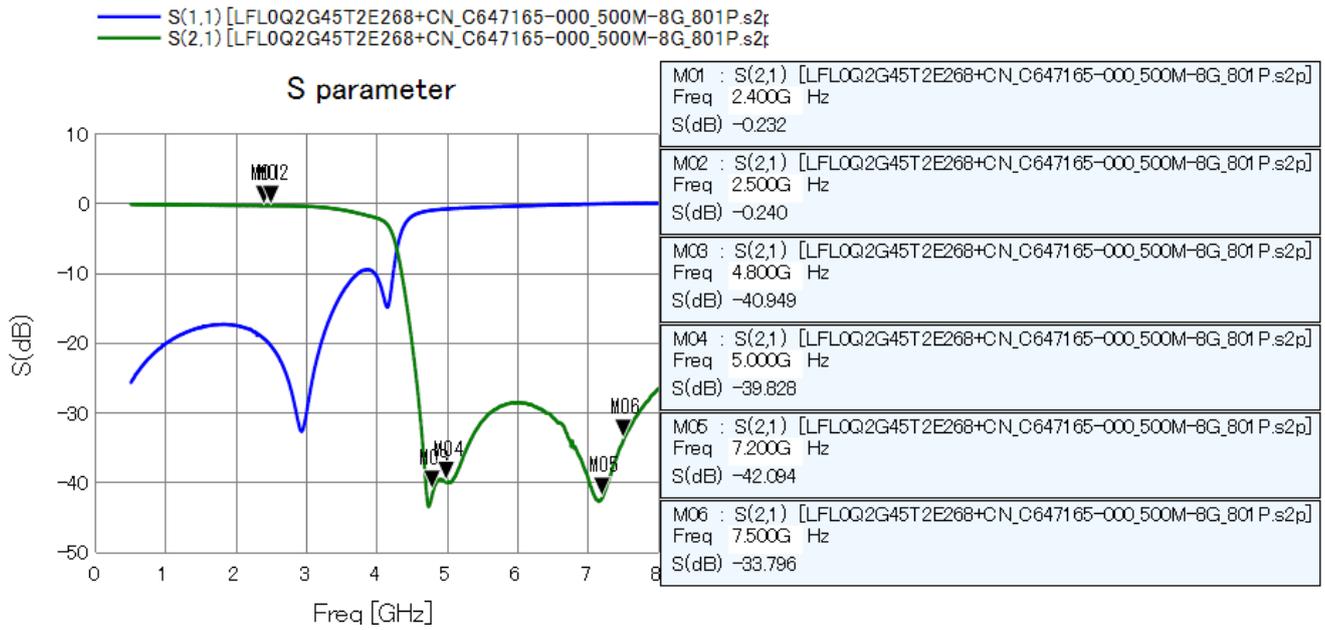
3. Land Pattern



(in mm)



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





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Please note that the only warranty that we provide regarding the products is its conformance to the specifications provided herein. Accordingly, we shall not be responsible for any defects in products or equipment incorporating such products, which are caused under the conditions other than those specified in this specification.

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- Undersea equipment.
- Medical equipment.
- Traffic signal equipment.
- Burning / explosion control equipment
- Application of similar complexity and/ or reliability requirements to the applications listed in the above.
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- Power plant control equipment
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- Disaster prevention / crime prevention equipment.

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When you are not able to return the signed version of specification sheet or approval sheet within 90 days from receiving date of specification sheet or approval sheet, it shall be deemed to be your consent on the content of specification sheet or approval sheet.

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