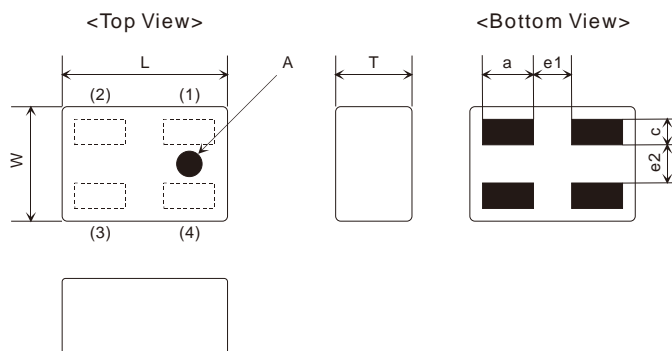


HIGH PASS FILTER

1. Characteristics (at -40 ~+85°C)

Part Number	LFH0Q5G37RC1D560
Nominal Characteristics Impedance	50 Ω (Nominal)
Nominal Center Frequency	5370.00 MHz
Pass Band Range (BW)	fo ± 470.00 MHz
Insertion Loss in BW	0.55 dB max. (at 25°C) 0.65 dB max. (at -40°C ~ +85°C)
Attenuation (Absolute value)	14.0 dB min. at 2400.00 ~ 2500.00 MHz
V.S.W.R in BW	1.60 max.
Power Capacity	3 W max.

2. Construction, Dimensions & Marking



Mark	Meaning
A	Directional Mark

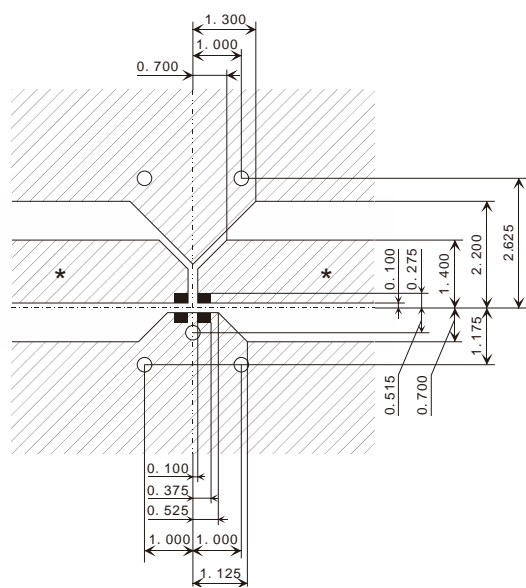
(in mm)

Mark	Dimension	Mark	Dimension
L	0.65 ± 0.05	c	0.100 ± 0.060
W	0.50 ± 0.05	e1	0.20 ± 0.05
T	0.30 max.	e2	0.20 ± 0.05
a	0.175 ± 0.050	-	-

TERMINAL CONFIGURATION

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

3. Land Pattern



(in mm)

- Land
- Solder resist
- No pattern Solder resist
- Through Hole φ 0.30

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

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Please make sure that your product has been evaluated and confirmed from the aspect of the fitness for the specifications of our product when our product is mounted to your product.

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- 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
- Transportation equipment (vehicles, trains, ships, elevator, etc.).
- 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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