

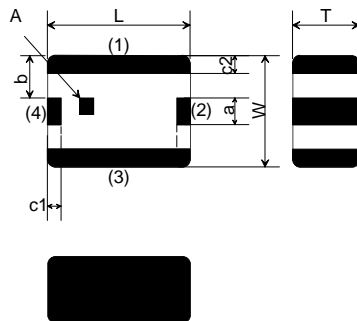
## BAND PASS FILTER (Preliminary)

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

Part Number	LFB2H2G45SG7B734
Nominal Characteristics Impedance	50 Ω ( Nominal )
Nominal Center Frequency	2450.00 MHz
Pass Band Range (BW)	fo ± 50.00 MHz
Insertion Loss in BW	3.00 dB max. at 25 °C 3.30 dB max. at -40 ~ +85 °C
Attenuation (Absolute value)	45.0 dB min. at 880.00 ~ 915.00 MHz 27.0 dB min. at 1710.00 ~ 1990.00 MHz 17.0 dB min. at 2110.00 ~ 2170.00 MHz 20.0 dB min. at 2700.00 MHz 30.0 dB min. at 4800.00 ~ 5000.00 MHz 30.0 dB min. at 7200.00 ~ 7500.00 MHz
Ripple in BW	1.20 dB max.
V.S.W.R. in BW	2.10 max. at 25 °C 2.40 max. at -40 ~ +85 °C
Power Capacity	500 mW

### 2. Construction, Dimensions & Marking

### 3. Land Pattern



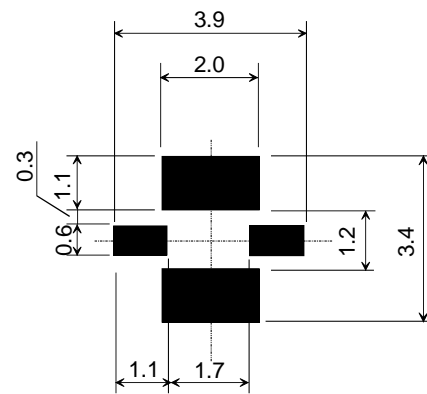
Mark	Meaning
A	Directional Input Mark

(in mm)

Mark	Dimension	Mark	Dimension
L	2.5±0.2	b	0.75±0.20
W	2.0±0.2	c1	0.30+0.15/-0.20
T	0.9±0.1	c2	0.3±0.2
a	0.5±0.2	-	-

#### TERMINAL CONFIGURATION

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



Land

(in mm)

All the technical data and information contained herein are subject to change without prior notice.