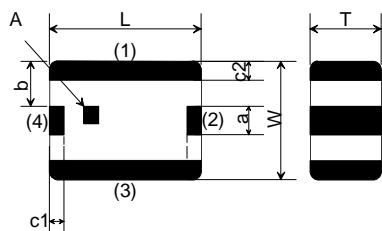


BAND PASS FILTER (Preliminary)

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



Mark	Meaning
A	Directional Input Mark

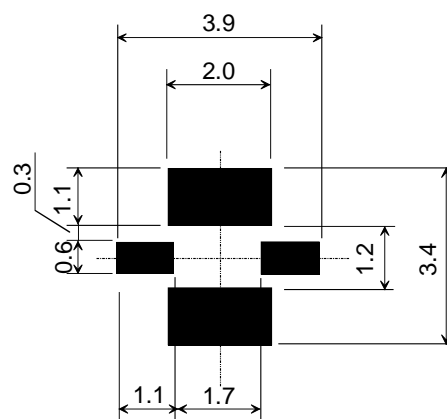
(in mm)

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

3. Land Pattern



Land

(in mm)