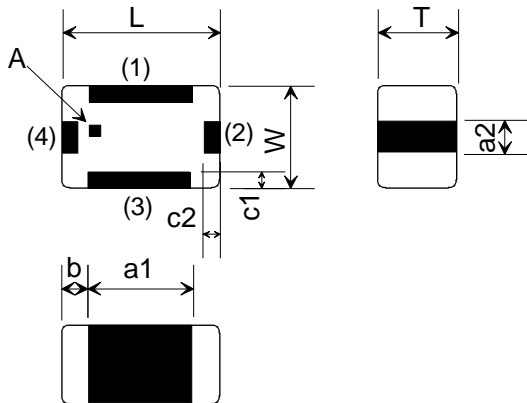


Band Pass Filter

1. Characteristics (at -40~+85°C)

Part Number		LFB217G35CFHE826
Frequency Range (BW)		6240.00~8240.00 MHz
Insertion Loss in BW		2.0 dB max.at 25 °C 2.3 dB max. at -40~+85°C
Attenuation (Absolute value)	698.00 ~ 2200.00 MHz	30.0 dB min
	2300.00 ~ 3800.00 MHz	30.0 dB min
	5150.00 ~ 5470.00 MHz	19.0 dB min
	5470.00 ~ 5725.00 MHz	3.0 dB min
	12500.00 ~ 16500.00 MHz	17.0 dB min
	18700.00 ~ 20000.00 MHz	6.0 dB min
Unbalance Port V.S.W.R. in BW		2.21 max.
Power Capacity		0.5 W max.

2. Construction, Dimensions & Marking



Mark	Meaning
A	Directional Input Mark

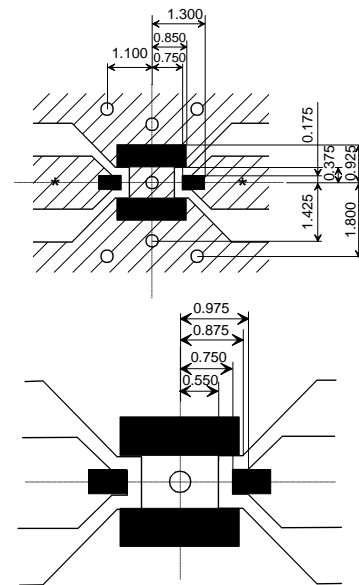
(in mm)

Mark	Dimension	Mark	Dimension
L	2.00±0.10	a2	0.30±0.10
W	1.25±0.10	b	0.25±0.10
T	0.70 max.	c1	0.20±0.10
a1	1.50±0.10	c2	0.20±0.10

TERMINAL CONFIGURATION

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

3. Land Pattern



(in mm)

- Land
- Solder Resist
- No pattern Solder resist
- Through Hole
- ϕ 0.3 mm

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

**CAUTION****PLEASE READ THIS NOTICE BEFORE USING OUR PRODUCTS.**

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.

All the items and parameters in this product specification/datasheet/catalog have been prescribed on the premise that our product is used for the purpose, under the condition and in the environment specified in this specification. You are requested not to use our product deviating from the condition and the environment specified in this specification.

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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Furthermore, YOU AGREE TO INDEMNIFY AND DEFEND US AND OUR AFFILIATES AGAINST ALL CLAIMS, DAMAGES, COSTS, AND EXPENSES THAT MAY BE INCURRED, INCLUDING WITHOUT LIMITATION, ATTORNEY FEES AND COSTS, DUE TO THE USE OF OUR PRODUCTS IN SUCH APPLICATIONS.

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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.
- Aerospace equipment
- Power plant control equipment
- Transportation equipment (vehicles, trains, ships, elevator, etc.).
- Disaster prevention / crime prevention equipment.

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