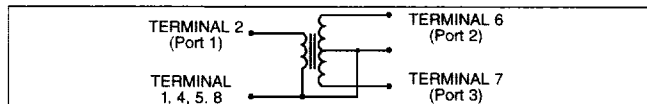


### FEATURES

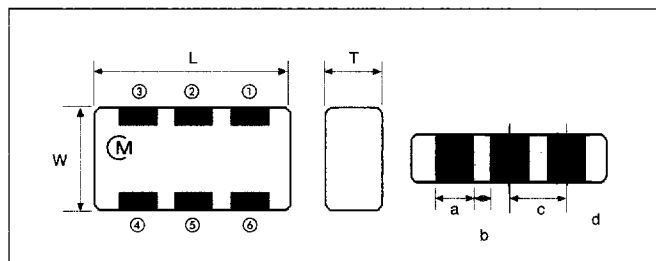
- Small size: see dimensions
- Light weight
- Tape and reel packaging
- Reflow solderable
- Available to cover a frequency range from 300MHz to 2.5GHz
- Balance impedance 50, 100, 200Ω and others

### EQUIVALENT CIRCUIT: LDB30C, LDB25C & LDB20C



### LDB15C & LDB20C TYPE

DIMENSIONS: mm



Code	LDB15C	LDB20C
L	2.0 ± 0.15	3.2 ± 0.25
W	1.25 ± 0.15	1.6 ± 0.25
T	0.95 ± 0.1	1.3 max.
a	0.35 ± 0.15	0.35 min.
b	0.30 ± 0.15	0.25 min.
c	0.65 ± 0.15	1.0 ± 0.2
d	0.15 ± 0.15	0.1 max.

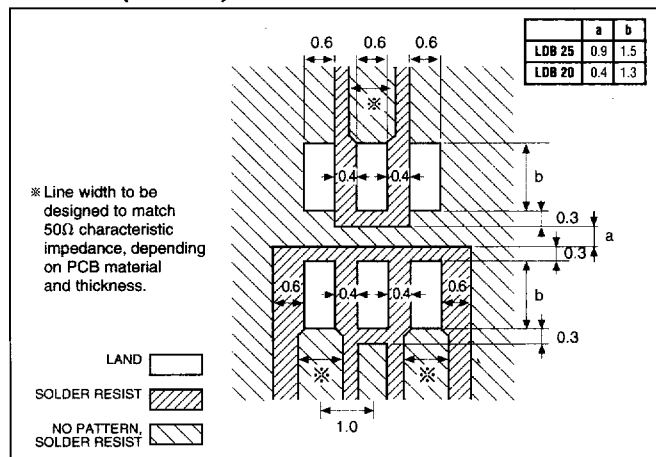
### TERMINALS: LDB15C & LDB20C TYPE

DIMENSIONS: mm

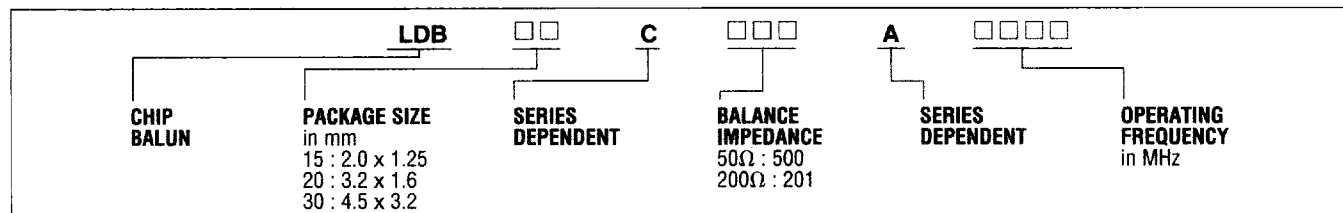
Terminal No.	LDB15C	LDB20C	Terminal No.	LDB15C	LDB20C
①	Port 1	GROUND	④	Port 3	Port 2
②	GND	Port 1	⑤	GND	NC
③	Port 2	GROUND	⑥	NC	Port 3

### LDB20C (BALUN) TYPE

DIMENSIONS: mm

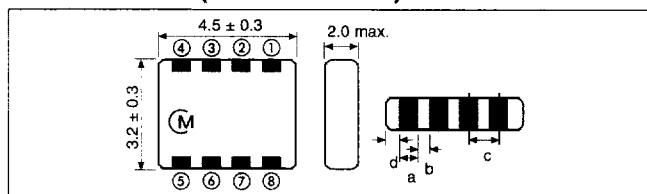


### PART NUMBERING SYSTEM



### LDB30C TYPE (300 to 600MHz)

DIMENSIONS: mm



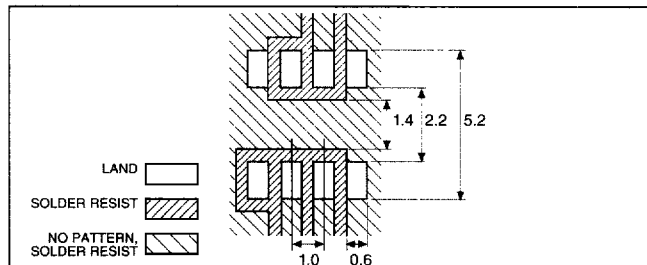
Code	Dimensions	Code	Dimensions
a	0.4 min.	c	1.0 ± 0.2
b	0.3 min.	d	0.3 min.

### TERMINALS: LDB30C TYPE

Terminal No.	Terminal Name	Terminal No.	Terminal Name
①	GROUND	⑤	NC
②	Port 1	⑥	Port 2
③	NC	⑦	Port 3
④	GROUND	⑧	GROUND

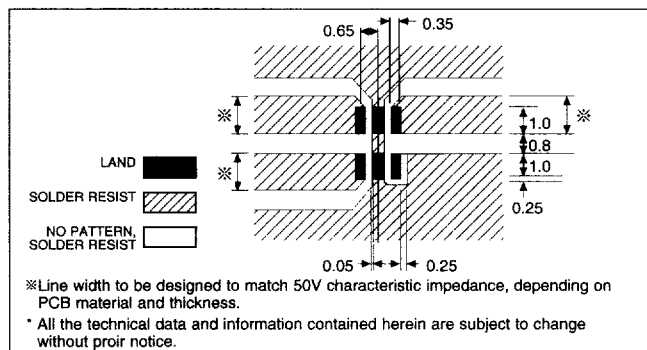
### LDB30C (BALUN) TYPE

DIMENSIONS: mm



### LDB15C TYPE

DIMENSIONS: mm



**SPECIFICATIONS**

Part Number	Frequency Range (MHz)	Insertion Loss		Unbalance Impedance (nominal)	Balance Impedance (differential) (nominal)	VSWR (Unbalanced) (x1)	Power Capacity
		at 25°C	at -30 ± 85°C				
LDB20C500A0800	700 ~ 900	0.8dB max.	0.9dB max.	50 ohms (nominal)	50 ohms	2.0 max.	0.5 Watt max.
LDB20C101A0800					100 ohms		
LDB20C201A0800					200 ohms		
LDB20C500A0900	800 ~ 1000				50 ohms		
LDB20C101A0900					100 ohms		
LDB20C201A0900					200 ohms		
LDB20C500A1500	1400 ~ 1600				50 ohms		
LDB15C101A1500					100 ohms		
LDB15C201A1500					200 ohms		
LDB15C500A1600	1500 ~ 1700				50 ohms		
LDB15C101A1600					100 ohms		
LDB15C201A1600					200 ohms		
LDB15C500A1700	1600 ~ 1800				50 ohms		
LDB15C101A1700					100 ohms		
LDB15C201A1700					200 ohms		
LDB15C500A1800	1700 ~ 1900				50 ohms		
LDB15C101A1800					100 ohms		
LDB15C201A1800					200 ohms		
LDB15C500A1900	1800 ~ 2000				50 ohms		
LDB15C101A1900					100 ohms		
LDB15C201A1900					200 ohms		
LDB15C500A2400	2300 ~ 2500				50 ohms		
LDB15C101A2400					100 ohms		
LDB15C201A2400					200 ohms		
LDB30C500A0461	403 ~ 520	50 ohms	3 Watt max.				
LDB30C201A0461		200 ohms					

(x1) VSWR : Balanced ports terminated with nominal unbalanced impedance