

LSC Series Low Cost/Customer Design (開放型)

- Various high power surface mountable type inductors are superior to high saturation. These are also magnetic shielded type for consideration against radiation.
- 電感器系根據客戶提供的規格書設計。Inductor is based on a customer's specifications and demand to set up.

Applications

- VRT, OA equipment, LCD television sets, notebook computers, portable communications equipment, DC/DC converters, etc.

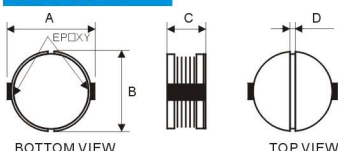


Features

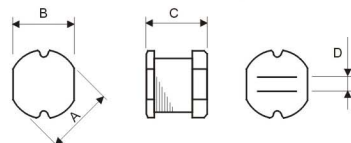
- High saturation for surface mounting
- Available in magnetically shielded.
- Suitable for large currents.
- Ideal for a variety of DC-DC converter inductor application.
- Available on tape and reel for auto surface mounting.

Shapes and Dimensions

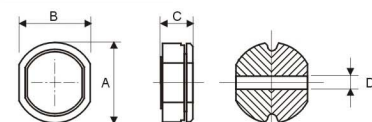
LSC 0301



LSC 031B~1005



LSC 105B



Products Identification

LSC □□□□-□□□□

Tolerance
Inductance
Packaging Style
Dimensions
Product Symbol

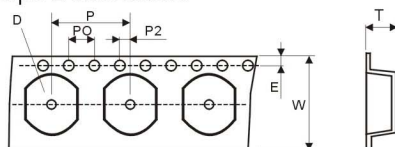
- Packaging: T: Tape and Reel
- Tolerance: K: $\pm 10\%$; M: $\pm 20\%$

Dimensions in mm

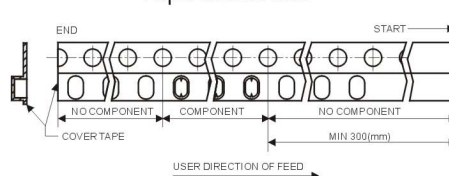
Type	A	B	C	D
LSC0301	3.5 ⁺⁰	3.0 ⁺⁰	1.0 ⁺⁰	0.6TYP
LSC031B	3.3 ± 0.3	3.0 ± 0.3	1.5 ± 0.3	1.0TYP
LSC0302	3.3 ± 0.3	3.0 ± 0.3	2.1 ± 0.3	1.0TYP
LSC0403	4.5 ± 0.3	4.0 ± 0.3	3.2 ± 0.3	1.2
LSC0501	5.8 ± 0.3	5.2 ± 0.3	2.2 ⁺⁰	2.0TYP
LSC0502	5.8 ± 0.3	5.2 ± 0.3	2.5 ± 0.3	2.0TYP
LSC0503	5.8 ± 0.3	5.2 ± 0.3	3.0 ± 0.3	2.0TYP
LSC0504	5.8 ± 0.3	5.2 ± 0.3	4.5 ± 0.4	1.3
LSC0703	7.8 ± 0.3	7.0 ± 0.3	3.5 ± 0.3	2.1
LSC0705	7.8 ± 0.3	7.0 ± 0.3	5.0 ± 0.3	2.1
LSC1004	10.0 ± 0.3	9.0 ± 0.3	4.0 ± 0.5	2.1
LSC1005	10.0 ± 0.4	9.0 ± 0.4	5.4 ± 0.4	2.1
LSC105B	10.0 ± 0.4	9.0 ± 0.4	5.0 ± 0.5	2.5

Packaging Specifications

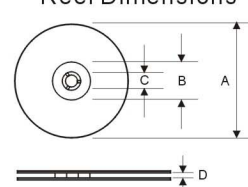
Tape Dimensions



Tape Materials



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions							Reel Dimensions				Quantity purchase/ REEL
	T	D	E	W	P	P0	P2	A	B	C	D	
LSC0301	1.2	1.50	1.75	12	8	4	2	330	100	13	13.4	5000
LSC031B	1.8	1.55	1.75	12	8	4	2	330	100	13	13.4	3000
LSC0302	2.5	1.55	1.75	12	8	4	2	330	100	13	13.4	3000
LSC0403	3.1	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
LSC0501	2.35	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
LSC0502	3.0	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
LSC0503	3.3	1.55	1.75	12	8	4	2	330	100	13	13.4	2000
LSC0504	4.8	1.55	1.75	16	8	4	2	330	100	13	17.4	1500
LSC0703	3.8	1.55	1.75	16	12	4	2	330	100	13	17.4	1000
LSC0705	5.2	1.55	1.75	16	12	4	2	330	100	13	17.4	700
LSC1004	5.8	1.55	1.75	24	12	4	2	330	100	13	24.4	700
LSC1005	5.8	1.55	1.75	24	12	4	2	330	100	13	24.4	700
LSC105B	5.8	1.55	1.75	24	12	4	2	330	100	13	24.4	750