

Shielded Power Inductors-LSS Series



LSS Series High Energy Storage & Lower Power Losses (外罩型)

Features

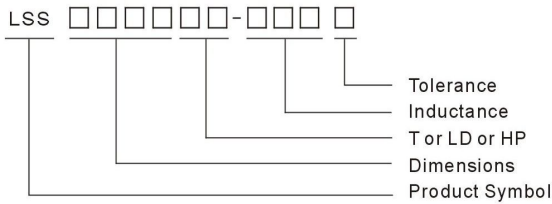
- Available in magnetically shielded.
- Low DC resistance.
- Suitable for large currents.
- Ideal for a various of DC-DC converter inductor applications.
- Available on tape and reel for auto surface mounting.

- 電感器系根據客戶提供的規格書設計。
Inductor is based on a customers' specifications and demand to set up.

Applications

- Power supply for VTRs.
- OA equipments.
- LCD televisions.
- Notebook PCs.
- Portable communication equipment.
- DC/DC converters, etc.

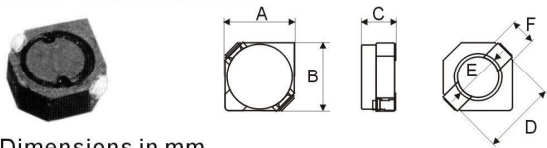
Products Identification



- T:Packaging:Tape and Reel
- HP:Low DCR
- LD:High Power
- Tolerance:K=±10% M=±20% T=±30%
- CEC Internal Number :B:Silver, plated terminals(3D12~6D38); S:Base type terminals(2D11~2D18;HP & 62T~127)

Shapes and Dimensions

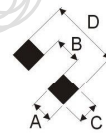
LSS2D11/2D14/2D18



Dimensions in mm

TYPE	A	B	C	D	E	F
LSS2D11	3.2 ⁺⁰	3.2 ⁺⁰	1.2 ⁺⁰	3.3	2.1	1.0
LSS2D14	3.2 ⁺⁰	3.2 ⁺⁰	1.55 ⁺⁰	2.3	2.1	1.3
LSS2D18	3.2 ⁺⁰	3.2 ⁺⁰	2.0 ⁺⁰	3.3	2.1	1.0

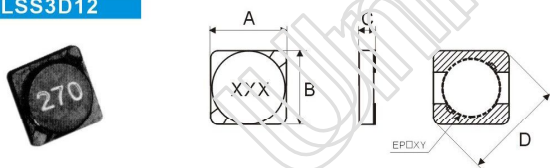
Recommended Pattern



Dimensions in mm

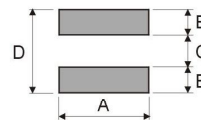
TYPE	A	B	C	D
LSS2D11	1.3	1.7	1.3	4.3
LSS2D14	1.3	1.7	1.3	4.3
LSS2D18	1.3	1.7	1.3	4.3

LSS3D12



Dimensions in mm

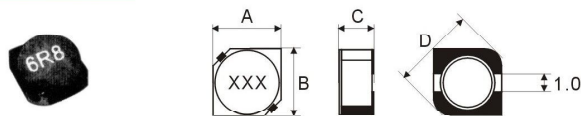
TYPE	A	B	C	D
LSS3D12	3.9±0.2	3.9±0.2	1.2 ⁺⁰	6.2 ⁺⁰



Dimensions in mm

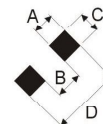
TYPE	A	B	C	D
LSS3D12	4.6	1.6	1.4	4.6

LSS3D16



Dimensions in mm

TYPE	A	B	C	D
LSS3D16	4.0 ⁺⁰	4.0 ⁺⁰	1.8 ⁺⁰	5.2 ⁺⁰

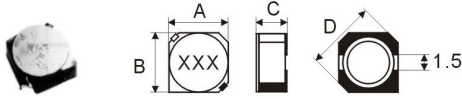


Dimensions in mm

TYPE	A	B	C	D
LSS3D16	1.4	2.4	1.5	5.2

Shapes and Dimensions

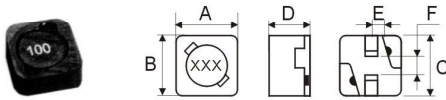
LSS4D18~6D38



Dimensions in mm

TYPE	A	B	C	D
LSS4D18	4.7±0.3	4.7±0.3	2.0 ⁺⁰	6.9 ⁺⁰
LSS4D28	4.7±0.3	4.7±0.3	3.0 ⁺⁰	6.9 ⁺⁰
LSS5D18	5.7±0.3	5.7±0.3	2.0 ⁺⁰	8.2 ⁺⁰
LSS5D28	5.7±0.3	5.7±0.3	3.0 ⁺⁰	8.2 ⁺⁰
LSS6D28	6.7±0.3	6.7±0.3	3.0 ⁺⁰	9.5 ⁺⁰
LSS6D38	7.0 ⁺⁰	7.0 ⁺⁰	4 ⁺⁰	9.5 ⁺⁰

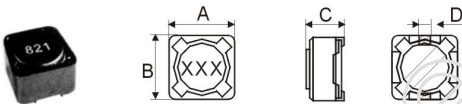
LSS 6203/6205



Dimensions in mm

TYPE	A	B	C	D	E	F
LSS6203	6.2±0.3	6.2±0.3	6.2±0.3	3 ⁺⁰	1.5	2.8
LSS6205	6.2±0.3	6.2±0.3	6.2±0.3	5 ⁺⁰	1.5	2.8

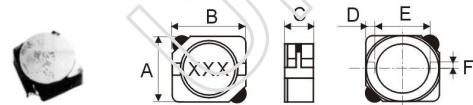
LSS 7334/7445



Dimensions in mm

TYPE	A	B	C	D
LSS7334	7.3±0.2	7.3±0.2	3.4 ⁺⁰	1.8
LSS7445	7.3±0.2	7.3±0.2	4.5 ⁺⁰	1.8

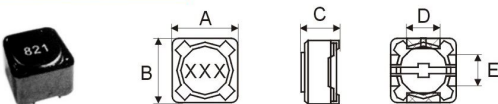
LSS104R



Dimensions in mm

A	B	C	D	E	F
10.0±0.5	10.1±0.5	4.1 ⁺⁰	1.2±0.15	7.7±0.3	3.0±0.2

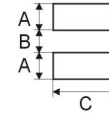
LSS1245~1280



Dimensions in mm

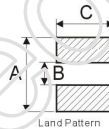
TYPE	A	B	C	D	E
LSS1245	12.5 ⁺⁰	12.5 ⁺⁰	4.5 ⁺⁰	5	7.6
LSS1260	12.5 ⁺⁰	12.5 ⁺⁰	6 ⁺⁰	5	7.6
LSS1280	12.5 ⁺⁰	12.5 ⁺⁰	8 ⁺⁰	5	7.6

Recommended Pattern



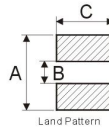
Dimensions in mm

TYPE	A	B	C
LSS4D18	1.9	1.5	5.3
LSS4D28	1.9	1.5	5.3
LSS5D18	2.15	2	6.3
LSS5D28	2.15	2	6.3
LSS6D28	2.65	2	7.3
LSS6D38	2.65	2	7.3



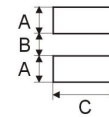
Dimensions in mm

TYPE	A	B	C
LSS6203	8.1	4	2.5
LSS6205	8.1	4	2.5



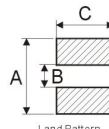
Dimensions in mm

TYPE	A	B	C
LSS7334	8.4	4.4	2.2
LSS7445	8.4	4.4	2.2



Dimensions in mm

A	B	C
1.7	7.3	3.2



Dimensions in mm

TYPE	A	B	C
LSS1245	13	7	5.4
LSS1260	13	7	5.4
LSS1280	13	7	5.4