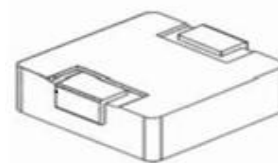
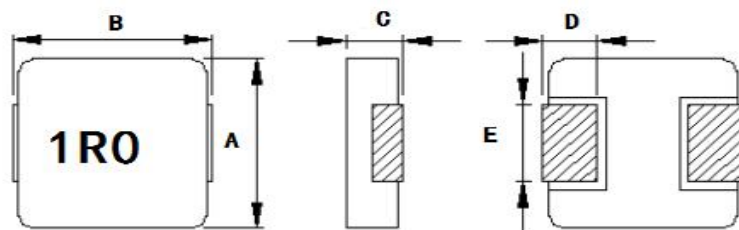




SMD POWER INDUCTORS:

SPD0315H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0315H	3.2±0.2	3.6±0.2	1.5MAX	0.6±0.3	1.0±0.3

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0315H-R22M-CTP	0.22	9.0	11.0	10.2	12.0
SPD0315H-R33M-CTP	0.33	6.5	8.0	16.6	20.5
SPD0315H-R47M-CTP	0.47	5.8	7.5	19.0	23.0
SPD0315H-R56M-CTP	0.56	5.5	7.0	29.0	35.0
SPD0315H-R68M-CTP	0.68	5.0	6.5	34.0	42.0
SPD0315H-R82M-CTP	0.82	4.5	5.8	39.0	47.0
SPD0315H-1R0M-CTP	1.0	4.0	5.0	45.0	52.0
SPD0315H-1R5M-CTP	1.5	3.5	4.5	62.5	70.0
SPD0315H-2R2M-CTP	2.2	2.6	4.0	89.4	95.0
SPD0315H-3R3M-CTP	3.3	2.2	3.2	126.0	160.0

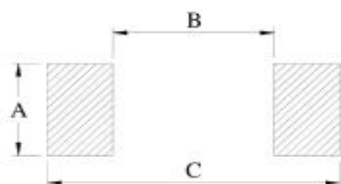
NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 35%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:

SPD0315H Series

Recommend Land Pattern Dimensions (推荐焊盘)



A	1.20
B	1.00
C	4.00

Unit : mm

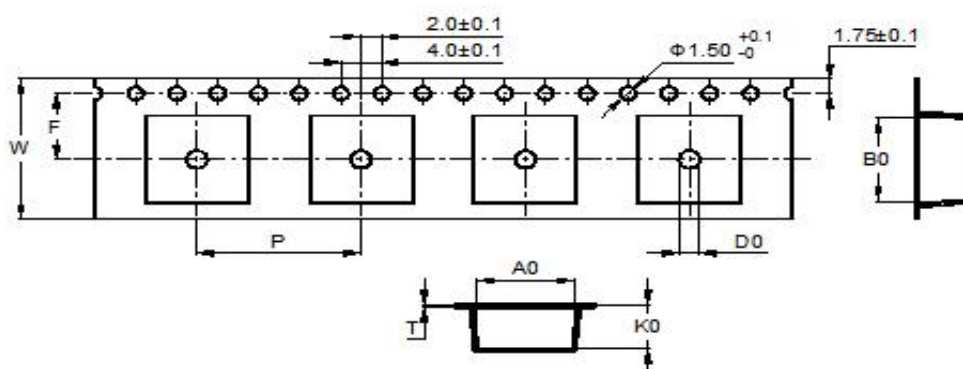
Packaging Information (包装信息)

※最小包装:1000 pcs/Reel

1 载带尺寸(mm)

Carrier tape dimensions

A0	3.4±0.1
B0	3.8±0.1
K0	2.2±0.1
W	12.0±0.3
P	8.0±0.1
F	4.25±0.1
T	0.30±0.05
D0	N/A

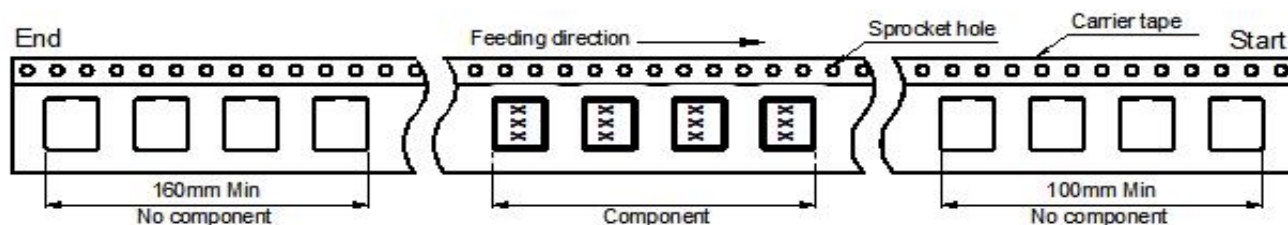


※ 包装参照国际标准 IEC 60286-3。

Packaging is referred to the international standard IEC 60286-3.

2 包装方向

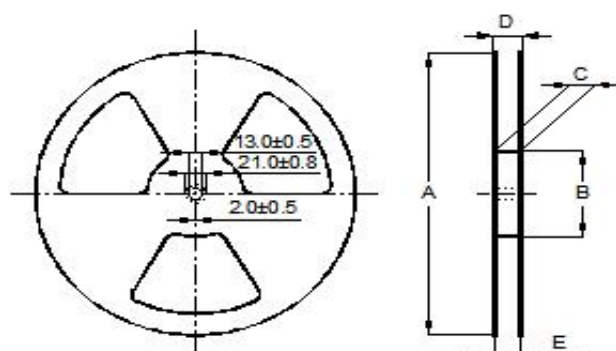
Packaging direction



3 卷盘尺寸(mm)

Reel dimensions

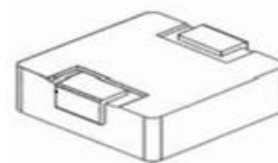
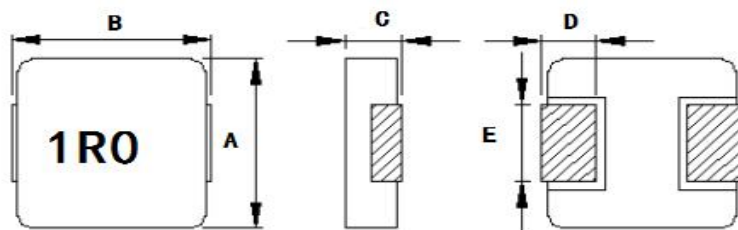
A	178± 2.0
B	60 Min
C	13.5 +2.0/-0
D	15.0 Max
E	12.0Min





SMD POWER INDUCTORS:

SPD0320H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0320H	3.2±0.2	3.6±0.2	2.0MAX	0.6±0.3	1.0±0.3

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0320H-R33M-CTP	0.33	8.0	10.0	14.0	17.0
SPD0320H-R47M-CTP	0.47	7.0	9.0	15.8	19.5
SPD0320H-R68M-CTP	0.68	6.0	6.5	19.5	24.0
SPD0320H-R88M-CTP	0.88	5.5	6.0	28.8	35.0
SPD0320H-1R0M-CTP	1.0	4.3	5.5	34.0	38.0
SPD0320H-1R2M-CTP	1.2	4.0	4.5	39.0	45.0
SPD0320H-1R5M-CTP	1.5	3.6	4.8	41.6	48.0
SPD0320H-2R2M-CTP	2.2	3.2	4.5	69.5	78.0
SPD0320H-3R3M-CTP	3.3	2.8	3.8	99.5	115.0
SPD0320H-4R7M-CTP	4.7	2.3	3.2	177.0	215.0

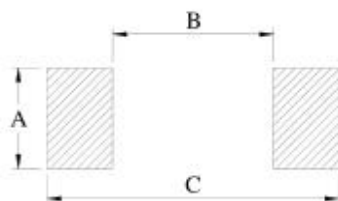
NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 35%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:

SPD0320H Series

Recommend Land Pattern Dimensions (推荐焊盘)



A	1.20
B	1.00
C	4.00

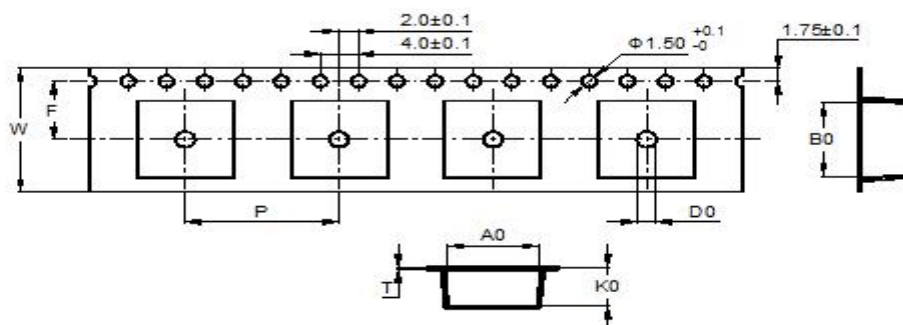
Unit : mm

Packaging Information (包装信息)

※最小包装:1000 pcs/Reel

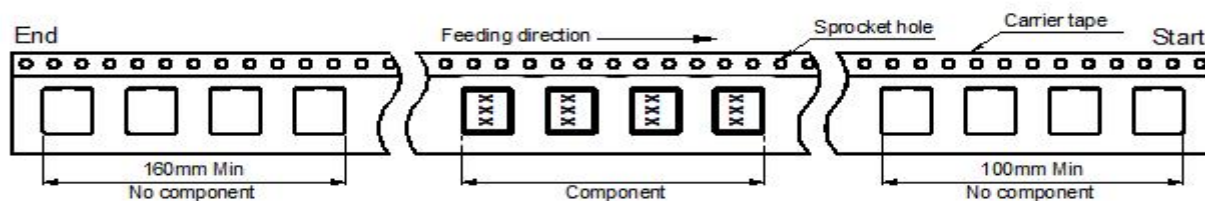
1. 载带尺寸(mm) Carrier tape dimensions

A0	3.4±0.1
B0	3.8±0.1
K0	2.2±0.1
W	12.0±0.3
P	8.0±0.1
F	4.25±0.1
T	0.30±0.05
D0	N/A



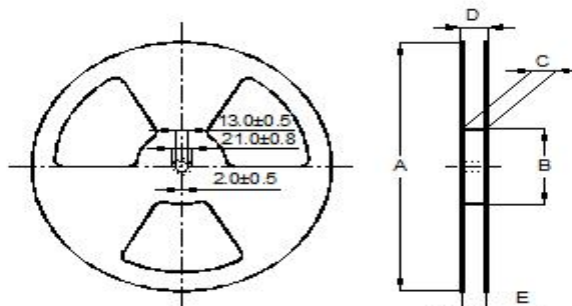
※ 包装参照国际标准 IEC 60286-3.
Packaging is referred to the international standard IEC 60286-3.

2. 包装方向 Packaging direction



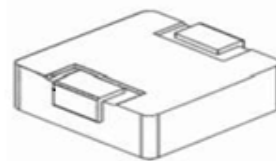
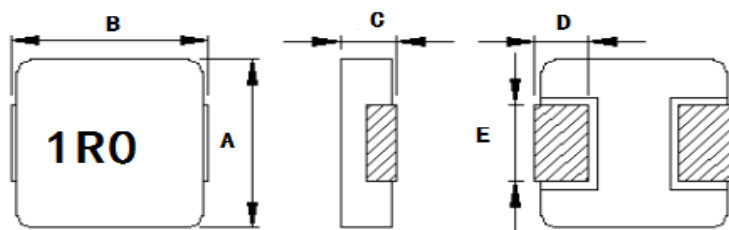
3. 卷盘尺寸(mm) Reel dimensions

A	178± 2.0
B	60 Min
C	13.5 +2.0/-0
D	15.0 Max
E	12.0Min



SMD POWER INDUCTORS:

SPD0415H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0415H	4.06±0.30	4.49±0.40	1.5MAX	1.1±0.3	1.5±0.3

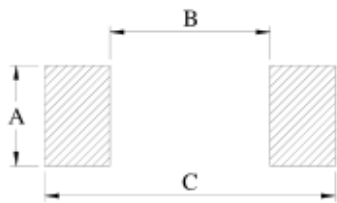
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0415H-R22M-CTP	0.22	8.0	11.0	9.5	11.0
SPD0415H-R33M-CTP	0.33	7.0	10.0	15.0	19.0
SPD0415H-R47M-CTP	0.47	6.0	8.0	17.0	20.0
SPD0415H-R68M-CTP	0.68	5.0	7.5	19.0	22.0
SPD0415H-1R0M-CTP	1.0	4.0	7.0	38.0	42.0
SPD0415H-1R5M-CTP	1.5	3.5	6.0	48.0	50.0
SPD0415H-2R2M-CTP	2.2	3.0	5.0	69.0	79.0
SPD0415H-3R3M-CTP	3.3	2.3	3.5	120.0	140.0
SPD0415H-4R7M-CTP	4.7	2.0	2.8	130.0	150.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:SPD0415H Series

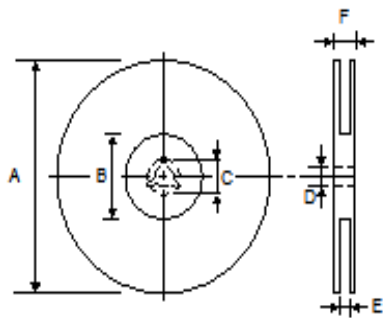
Recommend Land Pattern Dimensions (推荐焊盘)



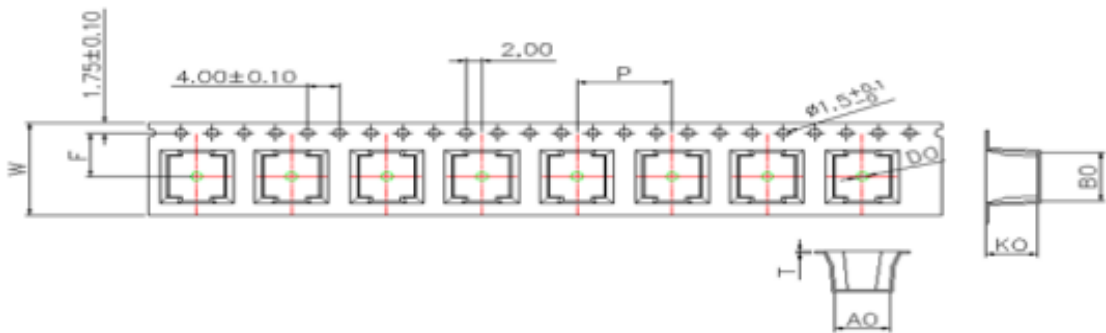
A	2.30
B	2.20
C	5.20

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
12mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	12.0±0.3	18.4



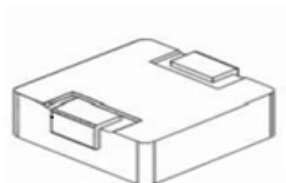
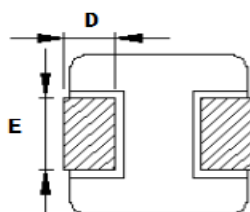
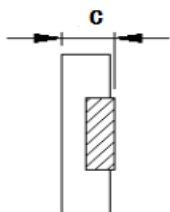
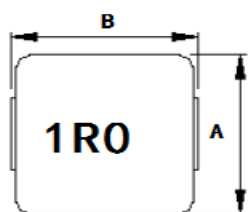
QTY (PCS)	A0	B0	KO	W	P	T
2000	4.4±0.1	5.2±0.1	1.7±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ①一卷包装:2000Pcs.
- ②小箱装两卷:一共4000Pcs.
- ③大箱装三小箱: 一共12000Pcs.



SMD POWER INDUCTORS:

SPD0420H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0420H	4.06 ± 0.30	4.49 ± 0.40	2.0MAX	1.1 ± 0.3	1.5 ± 0.3
Part Number	L0 Inductance (μ H) $\pm 20\%$	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (m Ω)	
				TYP.	MAX.
SPD0420H-R10N-CTP	0.1 $\pm 30\%$	12.0	23.0	3.8	4.5
SPD0420H-R22M-CTP	0.22	11.0	16.0	5.0	7.0
SPD0420H-R33M-CTP	0.33	10.5	12.0	8.2	10.5
SPD0420H-R47M-CTP	0.47	7.0	10.0	11.0	14.0
SPD0420H-R56M-CTP	0.56	6.5	9.5	14.0	18.0
SPD0420H-R68M-CTP	0.68	6.0	8.0	15.0	20.0
SPD0420H-1R0M-CTP	1.0	4.5	7.0	23.0	27.0
SPD0420H-1R2M-CTP	1.2	4.0	6.5	28.0	33.0
SPD0420H-1R5M-CTP	1.5	4.0	6.0	30.0	36.0
SPD0420H-2R2M-CTP	2.2	3.0	5.0	49.0	58.0
SPD0420H-3R3M-CTP	3.3	3.0	4.0	78.0	87.0
SPD0420H-4R7M-CTP	4.7	2.2	3.0	105.0	140.0
SPD0420H-6R8M-CTP	6.8	2.0	2.5	120.0	175.0
SPD0420H-100M-CTP	10	1.6	2.0	170.0	200.0

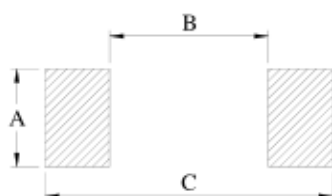
NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:

SPD0420H Series

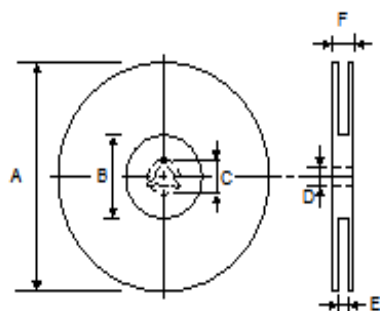
Recommend Land Pattern Dimensions (推荐焊盘)



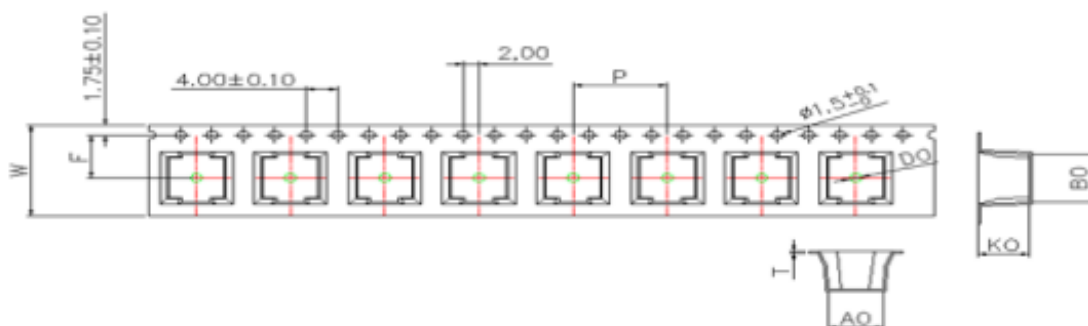
A	2.30
B	2.20
C	5.20

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
12mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	12.0±0.3	18.4



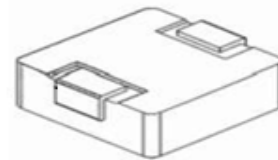
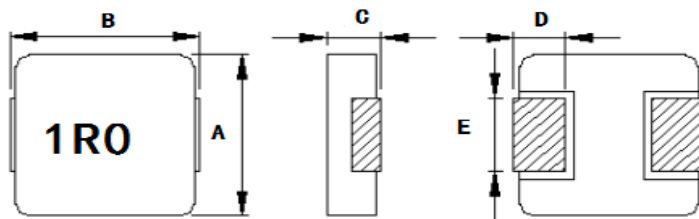
QTY (PCS)	A0	B0	KO	W	P	T
3000	4.4±0.1	5.2±0.1	2.2±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ①一卷包装:3000Pcs.
- ②小箱装两卷:一共6000Pcs.
- ③大箱装三小箱: 一共18000Pcs.



SMD POWER INDUCTORS:

SPD0515H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0515H	5.3MAX	5.6 $\pm$ 0.3	1.5MAX	1.2 $\pm$ 0.3	2.0 $\pm$ 0.3

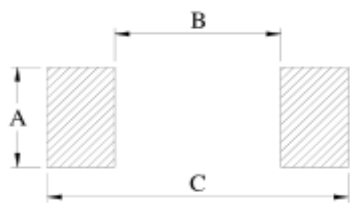
Part Number	L0 Inductance (μ H) $\pm$ 20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (m Ω)	
				TYP.	MAX.
SPD0515H-R22M-CTP	0.22	13.0	16.0	7.2	8.5
SPD0515H-R47M-CTP	0.47	8.0	12.0	12.0	13.8
SPD0515H-R68M-CTP	0.68	7.0	10.0	15.0	20.0
SPD0515H-1R0M-CTP	1.0	5.0	8.0	28.0	33.0
SPD0515H-2R2M-CTP	2.2	4.0	5.0	60.0	70.0
SPD0515H-3R3M-CTP	3.3	3.0	4.0	75.0	90.0
SPD0515H-4R7M-CTP	4.7	2.5	3.5	110.0	135.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS:SPD0515H Series

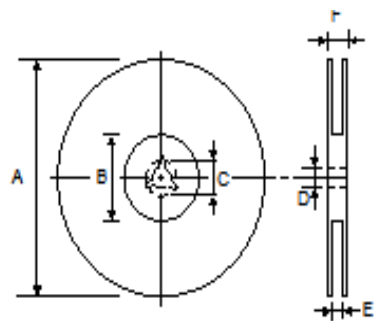
Recommend Land Pattern Dimensions (推荐焊盘)



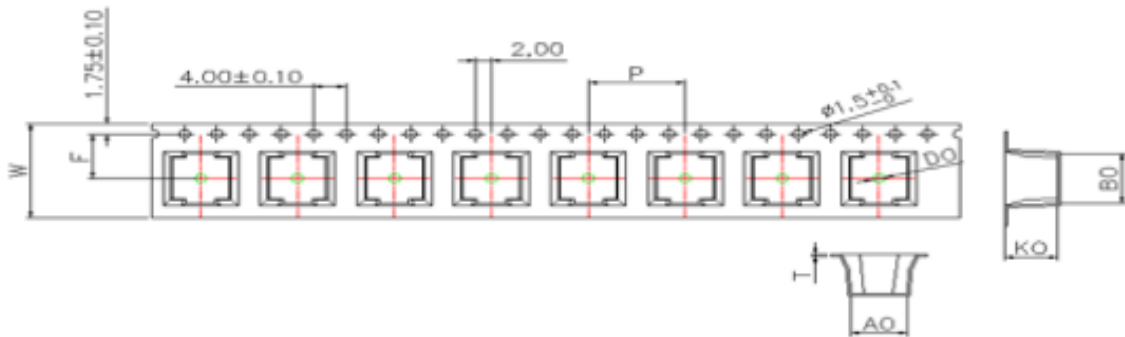
A	2.50
B	3.00
C	7.00

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
12mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	12.0±0.3	18.4

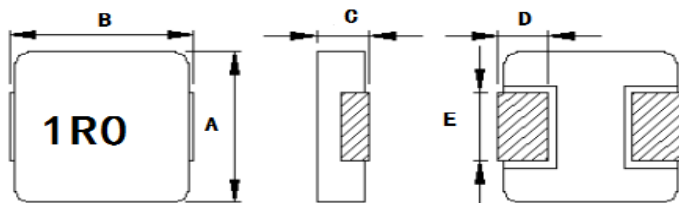


QTY (PCS)	A0	B0	KO	W	P	T
3000	5.4±0.1	6.0±0.1	1.7±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ①一卷包装:3000Pcs;
- ② 小箱装两卷:一共6000Pcs;
- ③ 大箱装三小箱: 一共18000Pcs.

SMD POWER INDUCTORS:

SPD0518H Series



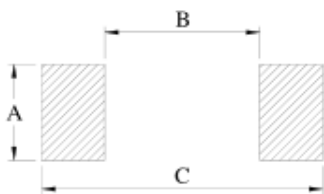
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0518H	5.3MAX	5.6±0.3	1.8MAX	1.2±0.3	2.0±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0518H-R47M-CTP	0.47	11.5	15.0	8.2	9.0
SPD0518H-R68M-CTP	0.68	9.5	11.0	10.0	12.0
SPD0518H-1R0M-CTP	1	6.0	8.0	15.0	20.0
SPD0518H-2R2M-CTP	2.2	4.0	6.0	42.0	50.0
SPD0518H-3R3M-CTP	3.3	3.5	5.0	58.0	70.0
SPD0518H-4R7M-CTP	4.7	3.0	4.0	105.0	115.0
SPD0518H-6R8M-CTP	6.8	2.5	2.8	120.0	150.0
SPD0518H-100M-CTP	10	1.5	2.0	180.0	200.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
4. I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS:SPD0518H Series

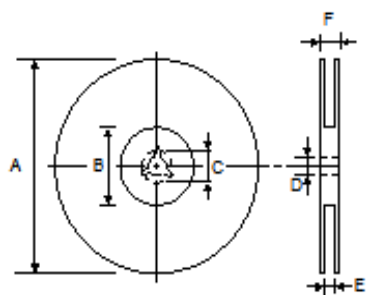
Recommend Land Pattern Dimensions (推荐焊盘)



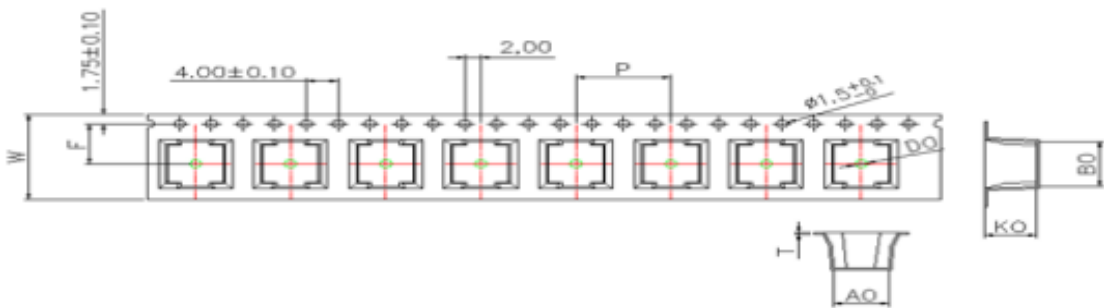
A	2.50
B	3.00
C	7.00

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
12mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	12.0±0.3	18.4



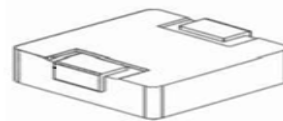
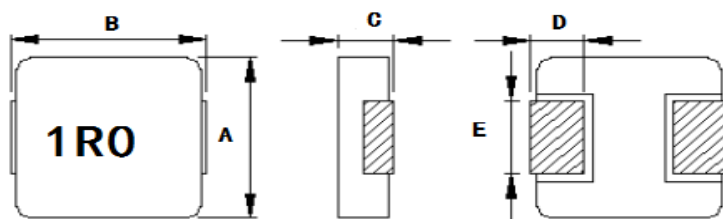
QTY (PCS)	A0	B0	KO	W	P	T
2500/3000	5.4±0.1	6.0±0.1	2.2±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ①一卷包装:2500Pcs / 3000Pcs;
- ② 小箱装两卷:一共5000Pcs / 6000Pcs;
- ③ 大箱装三小箱: 一共15000Pcs / 18000pcs.



SMD POWER INDUCTORS:

SPD0520H Series



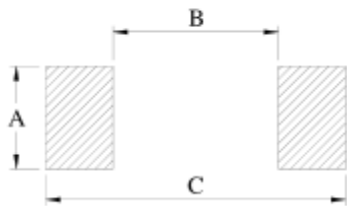
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0520H	5.3MAX	5.6±0.3	2.0MAX	1.2±0.3	2.0±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0520H-R22M-CTP	0.22	13.0	16.5	4.6	6.0
SPD0520H-R33M-CTP	0.33	12.0	15.0	7.4	9.0
SPD0520H-R47M-CTP	0.47	11.5	12.0	7.4	9.0
SPD0520H-1R0M-CTP	1	6.0	8.0	15.0	20.0
SPD0520H-1R5M-CTP	1.5	5.0	7.0	22.0	26.0
SPD0520H-2R2M-CTP	2.2	4.0	6.0	42.0	50.0
SPD0520H-3R3M-CTP	3.3	3.5	5.0	58.0	70.0
SPD0520H-4R7M-CTP	4.7	3.2	4.0	85.0	95.0
SPD0520H-6R8M-CTP	6.8	2.5	2.8	120.0	150.0
SPD0520H-100M-CTP	10	1.8	2	170	190

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:SPD0520H Series

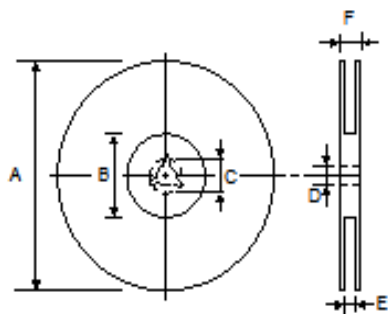
Recommend Land Pattern Dimensions (推荐焊盘)



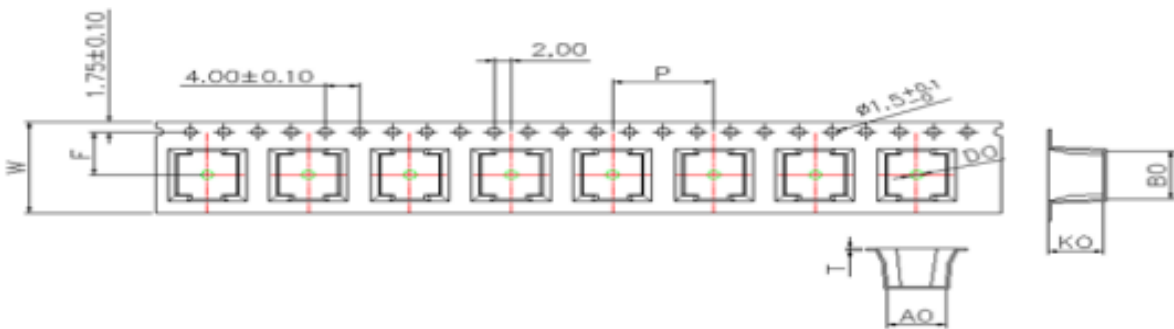
A	2.50
B	3.00
C	7.00

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
12mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	12.0±0.3	18.4

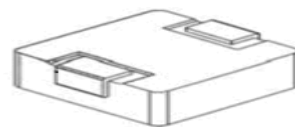
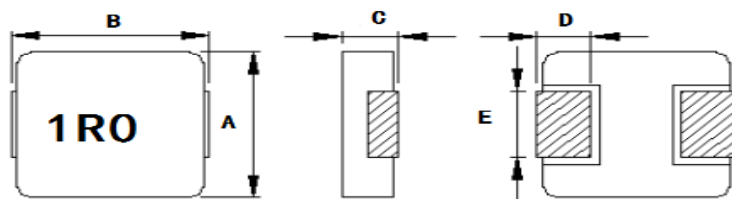


QTY (PCS)	A0	B0	KO	W	P	T
2500/3000	5.4±0.1	6.0±0.1	2.2±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ①一卷包装:2500Pcs / 3000Pcs;
② 小箱装两卷:一共5000Pcs / 6000Pcs;
③ 大箱装三小箱: 一共15000Pcs / 18000pcs.



SMD POWER INDUCTORS: SPD0530H Series



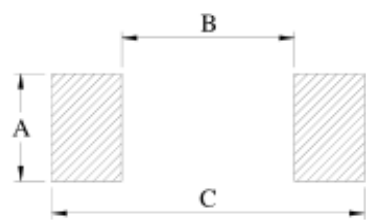
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0530H	5.3MAX	5.6±0.3	3.0MAX	1.2±0.3	2.0±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0530H-R22M-CTP	0.22	14.0	17.0	4.0	5.0
SPD0530H-R47M-CTP	0.47	11.5	14.0	8.0	10.0
SPD0530H-R68M-CTP	0.68	9.0	12.0	9.0	12.0
SPD0530H-1R0M-CTP	1	7.0	10.0	12.0	16.0
SPD0530H-2R2M-CTP	2.2	5.0	8.0	28.0	35.0
SPD0530H-3R3M-CTP	3.3	4.5	7.0	38.0	45.0
SPD0530H-4R7M-CTP	4.7	4.0	5.0	52.0	60.0
SPD0530H-6R8M-CTP	6.8	3.0	3.5	62.0	80.0
SPD0530H-100M-CTP	10	2.8	3.5	110.0	130.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS: SPD0530H Series

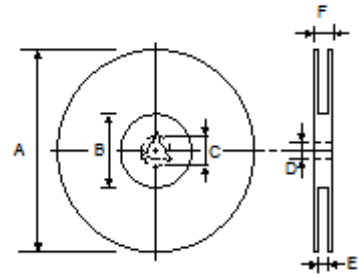
Recommend Land Pattern Dimensions (推荐焊盘)



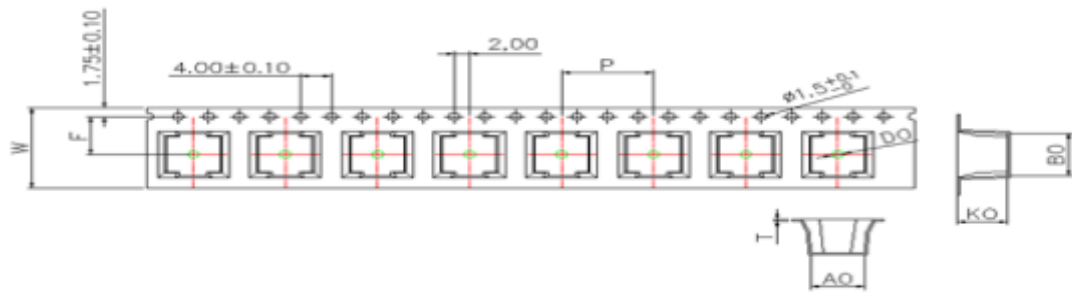
A	2.50
B	3.00
C	7.00

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
12mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	12.0±0.3	18.4

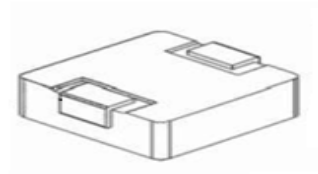
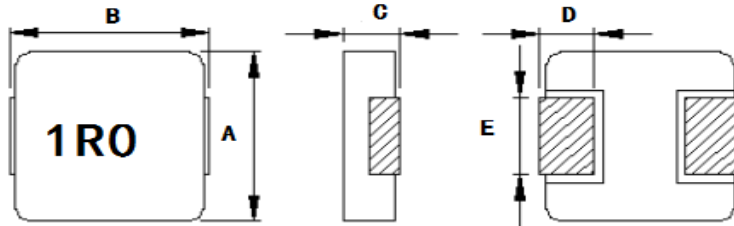


QTY (PCS)	A0	B0	KO	W	P	T
2000/2500	5.4±0.1	6.0±0.1	3.2±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ① 一卷包装:2000Pcs / 2500Pcs;
- ② 小箱装两卷:一共4000Pcs / 5000Pcs;
- ③ 大箱装三小箱: 一共12000Pcs / 15000Pcs.



SMD POWER INDUCTORS: SPD0615H Series



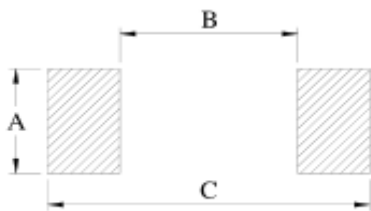
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0615H	6.6 ± 0.3	7.6MAX	1.5MAX	1.6 ± 0.5	3.0 ± 0.3
Part Number	L0 Inductance (μ H) $\pm 20\%$	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR (m Ω)	
				TYP.	MAX.
SPD0615H-R10M-CTP	0.1	19.0	24.0	2.8	3.1
SPD0615H-R68M-CTP	0.68	8.5	12.0	12.5	13.5
SPD0615H-1R0M-CTP	1	5.5	7.0	17.0	21.0
SPD0615H-2R2M-CTP	2.2	5.0	6.0	45.0	50.0
SPD0615H-3R3M-CTP	3.3	3.0	5.0	55.0	70.0
SPD0615H-4R7M-CTP	4.7	2.8	4.5	95.0	110.0
SPD0615H-6R8M-CTP	6.8	2.5	3.5	125.0	135.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS: SPD0615H Series

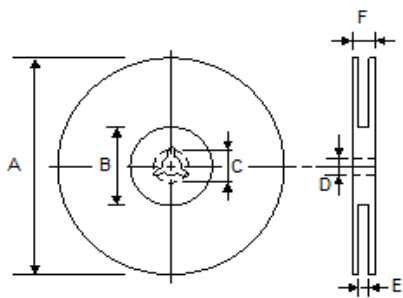
Recommend Land Pattern Dimensions (推荐焊盘)



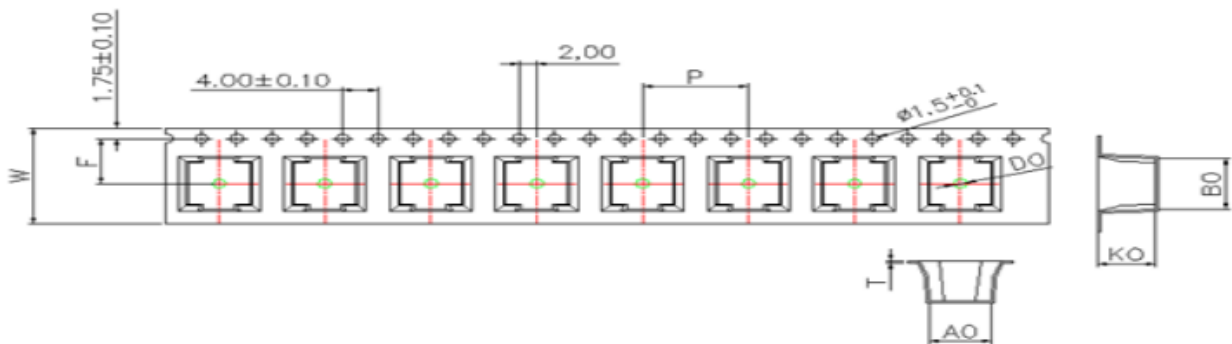
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4

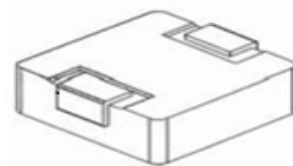
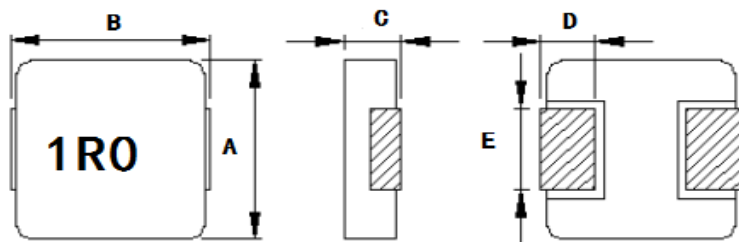


Q'TY (PCS)	A0	B0	KO	W	P	T
2000	7.0±0.1	7.8±0.1	1.7±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:2000Pcs;
- ② 小箱装两卷:一共4000Pcs;
- ③ 大箱装三小箱: 一共12000Pcs.



SMD POWER INDUCTORS: SPD0618H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0618H	6.6 ± 0.3	7.6MAX	1.8MAX	1.6 ± 0.5	3.0 ± 0.3

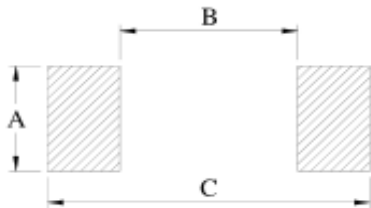
Part Number	L0 Inductance (μ H) $\pm 20\%$	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (m Ω)	
				TYP.	MAX.
SPD0618H-R10M-CTP	0.1	22.0	32.0	2.1	2.8
SPD0618H-R22M-CTP	0.22	18.0	25.0	3.0	3.5
SPD0618H-R33M-CTP	0.33	17.0	20.0	5.6	6.8
SPD0618H-R68M-CTP	0.68	9.0	12.0	8.7	12.0
SPD0618H-1R0M-CTP	1.0	8.0	11.0	18.0	20.0
SPD0618H-2R2M-CTP	2.2	6.0	8.0	32.0	35.0
SPD0618H-3R3M-CTP	3.3	4.0	7.0	50.0	55.0
SPD0618H-4R7M-CTP	4.7	3.5	5.0	55.0	70.0
SPD0618H-6R8M-CTP	6.8	2.8	4.0	80.0	110.0
SPD0618H-100M-CTP	10.0	2.3	3.0	115.0	150.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD0618H Series

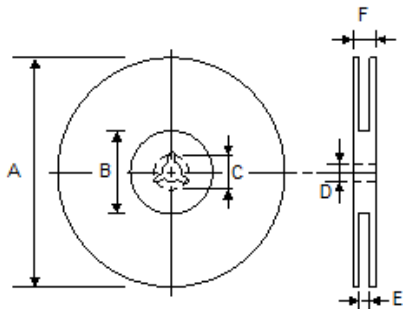
Recommend Land Pattern Dimensions (推荐焊盘)



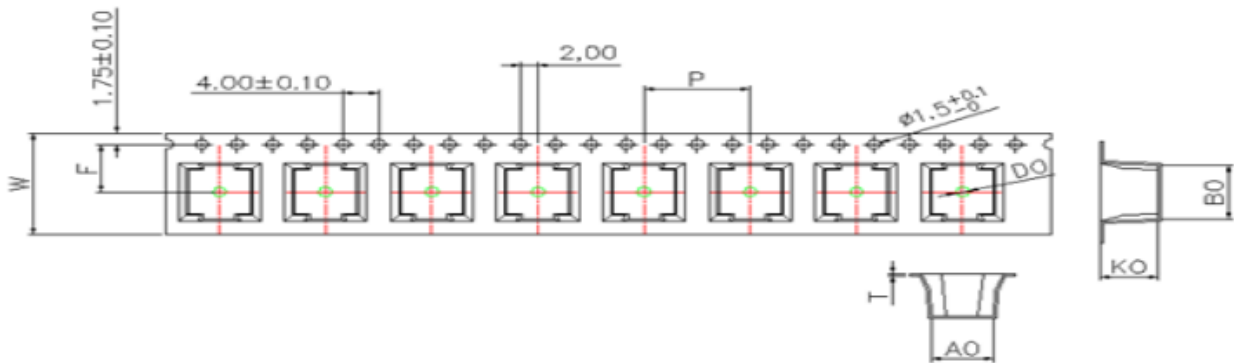
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



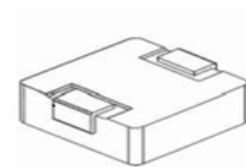
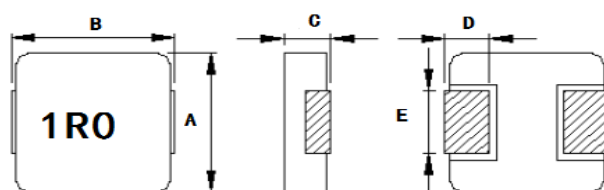
TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4



Q'TY (PCS)	A0	B0	KO	W	P	T
2000	7.0±0.1	7.8±0.1	2.3±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:2000Pcs;
- ② 小箱装两卷:一共4000Pcs;
- ③ 大箱装三小箱: 一共12000Pcs.

SMD POWER INDUCTORS: SPD0620H Series



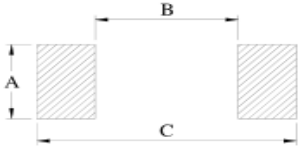
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0620H	6.6±0.3	7.6MAX	2.0MAX	1.6±0.5	3.0±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0620H-R10M-CT	0.1	22.0	32.0	2.1	2.8
SPD0620H-R22M-CT	0.22	18.0	25.0	3.8	5.2
SPD0620H-R33M-CT	0.33	17.0	20.0	5.6	6.8
SPD0620H-R47M-CT	0.47	11.0	16.0	7.2	8.4
SPD0620H-R68M-CT	0.68	9.0	15.0	9.5	12.0
SPD0620H-1R0M-CT	1	8.0	13.0	18.0	20.0
SPD0620H-2R2M-CT	2.2	6.0	9.0	32.0	35.0
SPD0620H-3R3M-CT	3.3	4.0	7.0	50.0	55.0
SPD0620H-4R7M-CT	4.7	3.5	5.0	55.0	70.0
SPD0620H-6R8M-CT	6.8	2.8	4.0	82.0	110.0
SPD0620H-100M-CT	10.0	2.3	3.0	105.0	120.0
SPD0620H-150M-CT	15	2.0	2.5	147.0	170.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
4. I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:SPD0620H Series

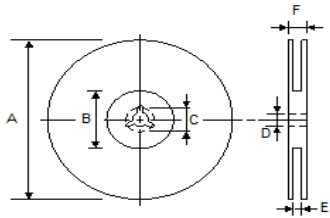
Recommend Land Pattern Dimensions (推荐焊盘)



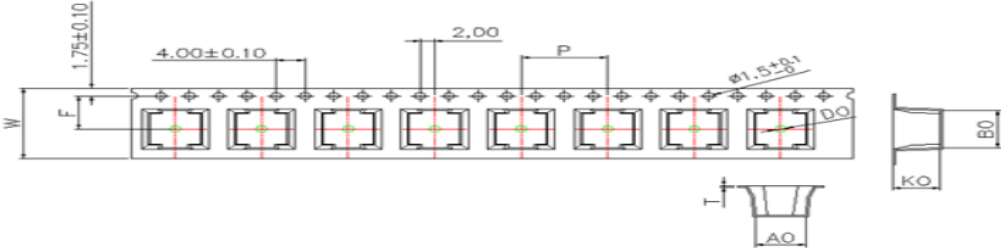
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4

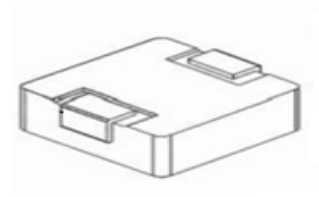
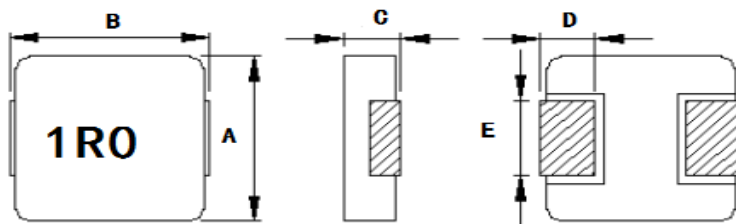


Q'TY (PCS)	A0	B0	KO	W	P	T
2000	7.0±0.1	7.8±0.1	2.3±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:2000;
② 小箱装两卷:一共6000Pcs;
③ 大箱装三小箱: 一共12000Pcs.



SMD POWER INDUCTORS: SPD0624H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0624H	6.6 ± 0.3	7.6MAX	2.4MAX	1.6 ± 0.5	3.0 ± 0.3

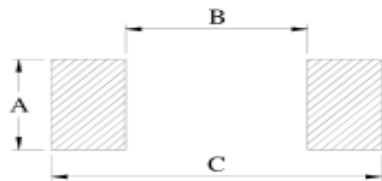
Part Number	L0 Inductance (μ H) $\pm 20\%$	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (m Ω)	
				TYP.	MAX.
SPD0624H-R10M-CTP	0.1	22.0	35.0	2.1	2.5
SPD0624H-R22M-CTP	0.22	20.0	27.0	2.9	3.2
SPD0624H-R33M-CTP	0.33	18.0	24.0	3.5	4.5
SPD0624H-R47M-CTP	0.47	15.0	21.0	5.6	6.8
SPD0624H-R68M-CTP	0.68	9.0	18.0	7.0	9.0
SPD0624H-1R0M-CTP	1.0	9.0	15.0	11.0	13.0
SPD0624H-1R5M-CTP	1.5	8.0	12.0	16.5	20.0
SPD0624H-2R2M-CTP	2.2	7.0	10.0	22.0	28.0
SPD0624H-3R3M-CTP	3.3	5.5	8.0	42.0	50.0
SPD0624H-4R7M-CTP	4.7	5.0	7.0	47.0	50.0
SPD0624H-6R8M-CTP	6.8	3.5	6.0	82.0	90.0
SPD0624H-100M-CTP	10.0	3.1	4.0	89.0	101.0
SPD0624H-150M-CTP	15	2.5	3.3	120.0	160.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD0624H Series

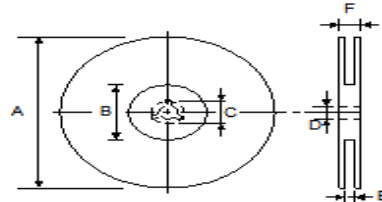
Recommend Land Pattern Dimensions (推荐焊盘)



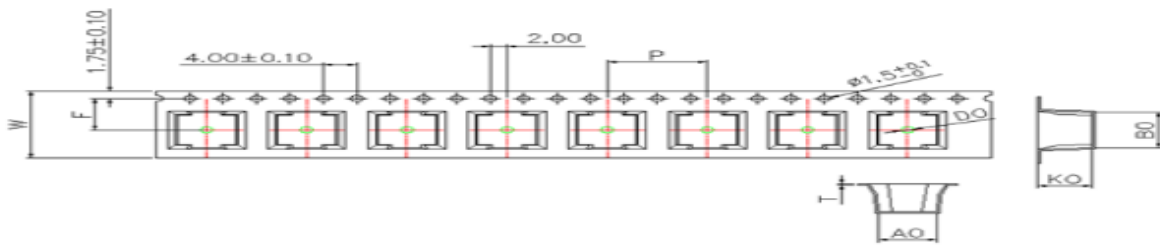
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4

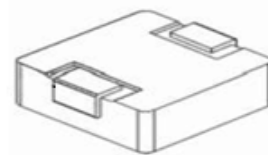
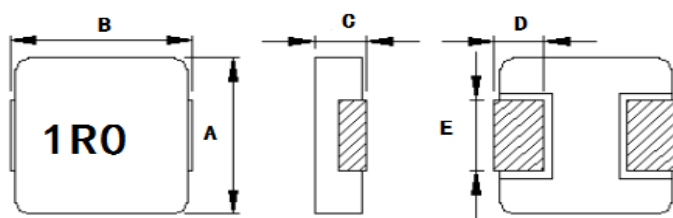


Q'TY (PCS)	A0	B0	KO	W	P	T
2000	7.0±0.1	7.8±0.1	2.6±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:2000;
- ② 小箱装两卷:一共6000Pcs;
- ③ 大箱装三小箱: 一共12000Pcs.



SMD POWER INDUCTORS: SPD0630H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0630H	6.6 ± 0.3	7.6MAX	3.0MAX	1.6 ± 0.5	3.0 ± 0.3

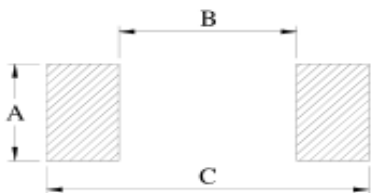
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0630H-R22M-CTP	0.22	23.0	35.0	2.5	2.8
SPD0630H-R33M-CTP	0.33	21.0	30.0	3.0	3.5
SPD0630H-R47M-CTP	0.47	17.5	25.0	3.6	4.5
SPD0630H-R68M-CTP	0.68	16.0	17.0	5.0	5.5
SPD0630H-1R0MT-CTP	1.0	12.0	15.3	7.0	8.0
SPD0630H-1R5MT-CTP	1.5	9.0	13.0	10.5	12.0
SPD0630H-2R2MT-CTP	2.2	8.0	10.2	16.0	20.0
SPD0630H-3R3M-CTP	3.3	6.5	8.0	21.0	25.0
SPD0630H-4R7MT-CTP	4.7	5.5	6.6	28.0	35.0
SPD0630H-6R8MT-CTP	6.8	5.0	6.1	45.0	55.0
SPD0630H-8R2M-CTP	8.2	4.0	6.0	60.0	68.0
SPD0630H-100M-CTP	10	4.0	5.0	60.0	68.0
SPD0630H-150M-CTP	15	2.8	3.2	95.0	110.0
SPD0630H-220M-CT	22	2.5	3.0	121.0	167.0
SPD0630H-330M-CTP	33	1.5	2.0	218.0	245.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD0630H Series

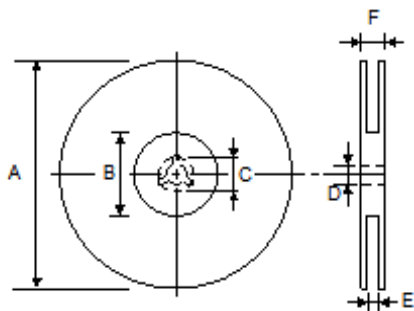
Recommend Land Pattern Dimensions (推荐焊盘)



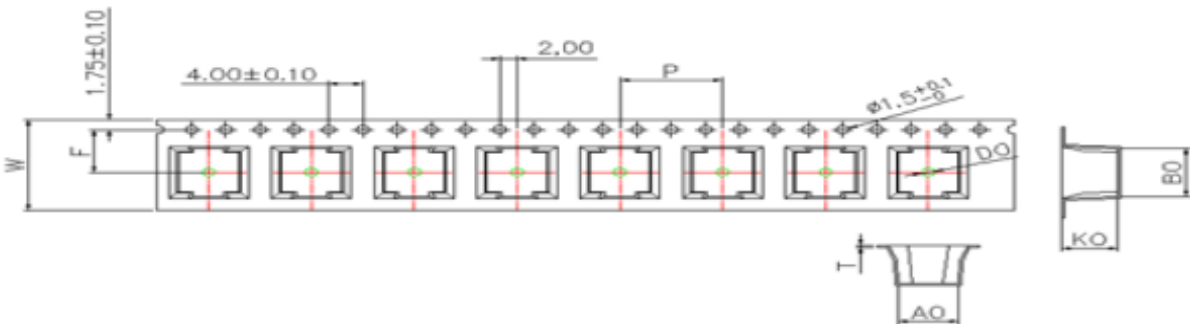
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



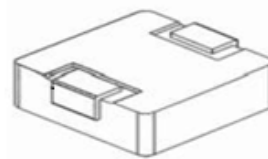
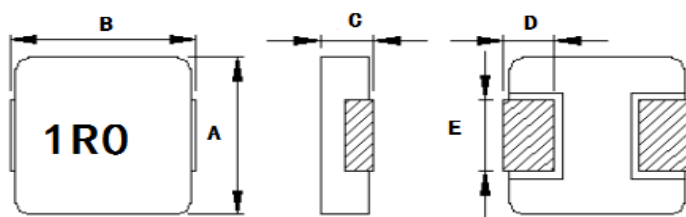
TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4



QTY (PCS)	A0	B0	KO	W	P	T
1500	7.0±0.1	7.8±0.1	3.2±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:1500Pcs;
- ② 小箱装两卷:一共3000Pcs;
- ③ 大箱装三小箱: 一共9000Pcs.

SMD POWER INDUCTORS: SPD0640H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0640H	6.6 ± 0.3	7.6MAX	4.0MAX	1.6 ± 0.5	3.0 ± 0.3

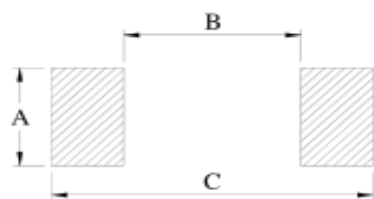
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0640H-R22M-CTP	0.22	23.0	35.0	2.5	3.0
SPD0640H-R33M-CTP	0.33	21.0	25.0	2.8	3.5
SPD0640H-R47M-CTP	0.47	17.0	21.0	3.5	4.5
SPD0640H-R56M-CTP	0.56	16.0	18.0	4.4	5.5
SPD0640H-R68M-CTP	0.68	14.0	17.0	4.4	5.5
SPD0640H-1R0M-CTP	1	10.0	15.0	7.0	8.0
SPD0640H-1R5M-CTP	1.5	9.0	13.0	7.7	9.0
SPD0640H-2R2M-CTP	2.2	8.0	11.0	13.5	16.0
SPD0640H-3R3M-CTP	3.3	6.5	9.0	14.0	20.0
SPD0640H-4R7M-CTP	4.7	6.0	8.0	22.0	25.0
SPD0640H-6R8M-CTP	6.8	5.0	7.0	35.0	45.0
SPD0640H-8R2M-CTP	8.2	4.0	6.5	46.0	55.0
SPD0640H-100M-CTP	10	3.5	6.0	53.0	65.0
SPD0640H-150M-CTP	15	3.0	4.5	70.0	80.0
SPD0640H-220M-CTP	22	2.5	3.5	100.0	120.0
SPD0640H-330M-CTP	33	2.0	3.0	165.0	200.0
SPD0640H-470M-CTP	47	1.5	2.0	230.0	260.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD0640H Series

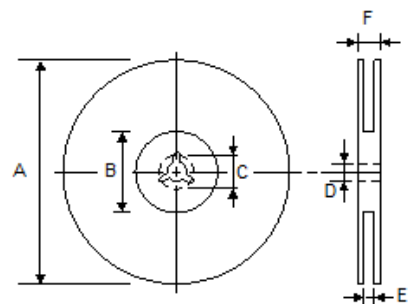
Recommend Land Pattern Dimensions (推荐焊盘)



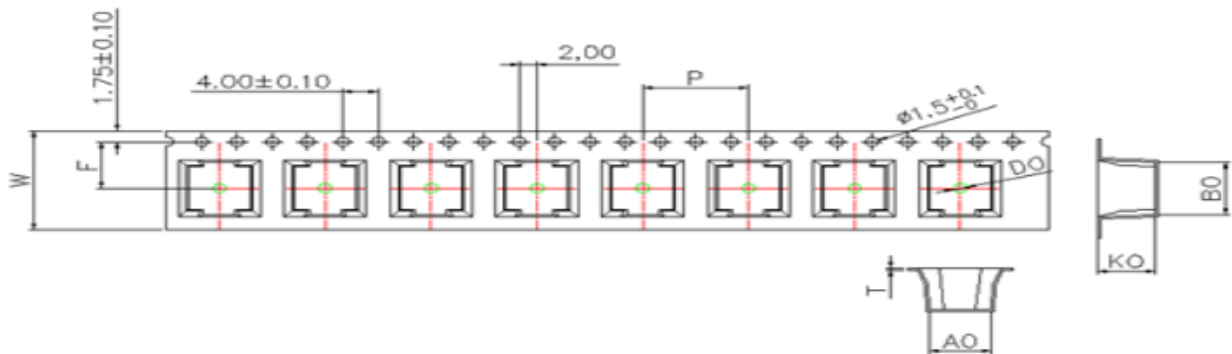
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



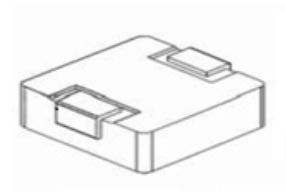
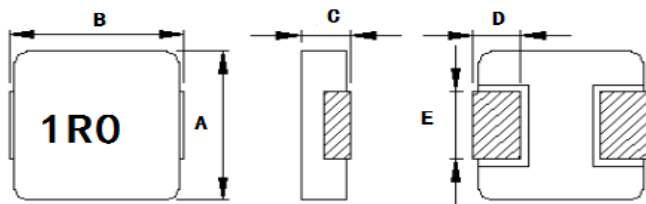
TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4



Q'TY (PCS)	A0	B0	KO	W	P	T
1000	7.0±0.1	7.8±0.1	4.2±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:1000Pcs;
- ② 小箱装两卷:一共2000Pcs;
- ③ 大箱装三小箱: 一共6000Pcs.

SMD POWER INDUCTORS: SPD0650H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD0650H	6.6 ± 0.3	7.6MAX	5.0MAX	1.6 ± 0.5	3.0 ± 0.3

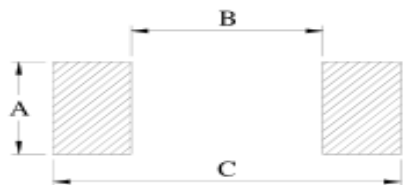
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
SPD0650H-R22M-CTP	0.22	25.00	43.00	1.90	3.00
SPD0650H-R47M-CTP	0.47	18.00	24.00	3.20	4.50
SPD0650H-R82M-CTP	0.82	14.00	20.00	5.80	6.50
SPD0650H-1R0M-CTP	1.00	12.00	15.00	7.20	7.50
SPD0650H-1R5M-CTP	1.50	10.00	14.00	7.70	9.00
SPD0650H-2R2M-CTP	2.20	9.50	12.00	10.50	12.50
SPD0650H-3R3M-CTP	3.30	8.50	9.00	16.00	20.00
SPD0650H-4R7M-CTP	4.70	6.50	8.00	22.00	25.00
SPD0650H-6R8M-CTP	6.80	6.00	7.50	30.00	35.50
SPD0650H-100M-CTP	10.00	4.50	5.50	53.00	60.00
SPD0650H-150M-CTP	15.00	3.50	5.00	76.00	85.00
SPD0650H-220M-CTP	22.00	2.50	4.00	95.00	130.00
SPD0650H-330M-CTP	33.00	2.00	3.00	158.00	174.00
SPD0650H-470M-CTP	47.00	1.80	2.50	190.00	215.00

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
4. I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD0650H Series

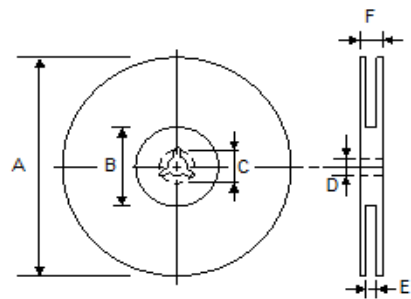
Recommend Land Pattern Dimensions (推荐焊盘)



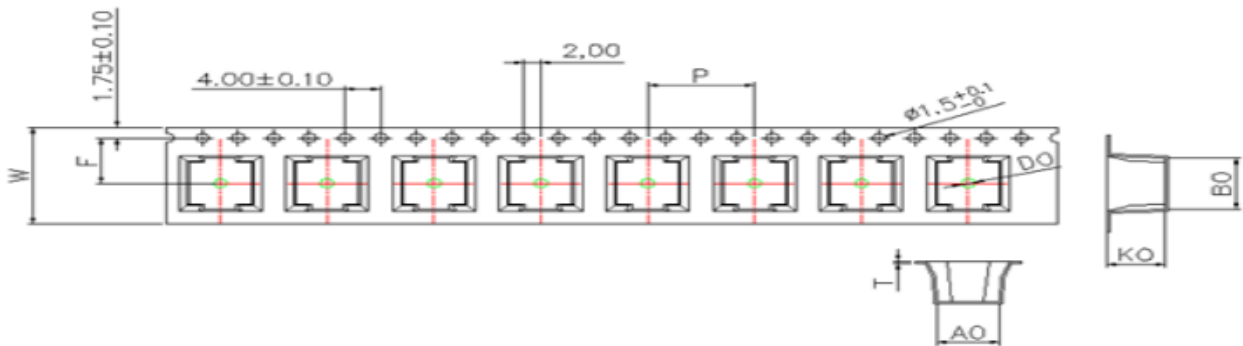
A	3.50
B	2.50
C	8.40

Unit : mm

Packaging Information (包装信息)



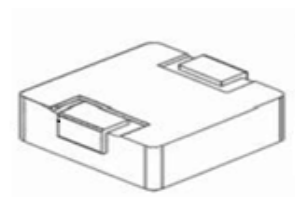
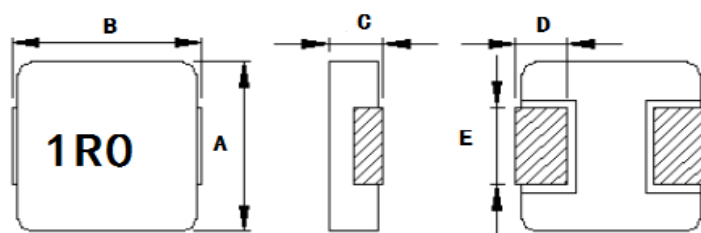
TYPE	A	B	C	D	E	F
16mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	16±0.3	22.4



Q'TY (PCS)	A0	B0	KO	W	P	T
1000	7.0±0.1	7.8±0.1	5.2±0.1	16.0±0.3	12.0±0.1	0.35±0.05

- ①一卷包装:1000Pcs;
- ② 小箱装两卷:一共2000Pcs;
- ③ 大箱装三小箱: 一共6000Pcs.

SMD POWER INDUCTORS: SPD1030H/35H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1030H/35H	10.0±0.3	11.0±0.5	3.0MAX/3.5MAX	2.0±0.5	3.0±0.3

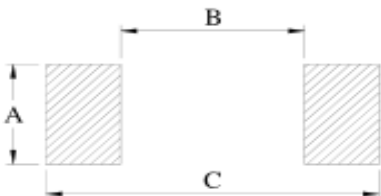
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1030H-R36M-CTP	0.36	23.0	35.0	1.4	1.6
SPD1030H-R47M-CTP	0.47	18.0	24.0	1.5	1.7
SPD1030H-R68M-CTP	0.68	17.0	23.0	2.6	3.2
SPD1030H-1R0M-CTP	1	13.0	19.0	5.0	7.0
SPD1030H-1R5M-CTP	1.5	10.0	18.0	7.2	9.0
SPD1030H-2R2M-CTP	2.2	9.0	16.0	10.0	12.0
SPD1030H-3R3M-CTP	3.3	7.0	12.0	13.9	20.0
SPD1030H-4R7M-CTP	4.7	6.0	11.0	24.0	28.0
SPD1030H-6R8M-CTP	6.8	5.0	8.0	43.0	55.0
SPD1030H-8R2M-CTP	8.2	4.0	6.0	47.0	55.0
SPD1030H-100M-CTP	10	4.0	5.0	50.0	56.0
SPD1035H-150M-CTP	15	3.5	4.0	65.0	75.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD1030H/35H Series

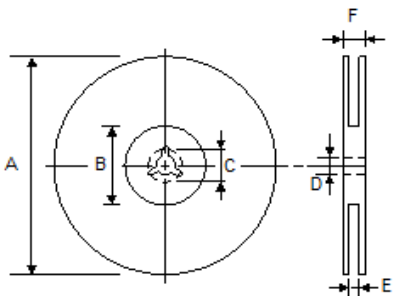
Recommend Land Pattern Dimensions (推荐焊盘)



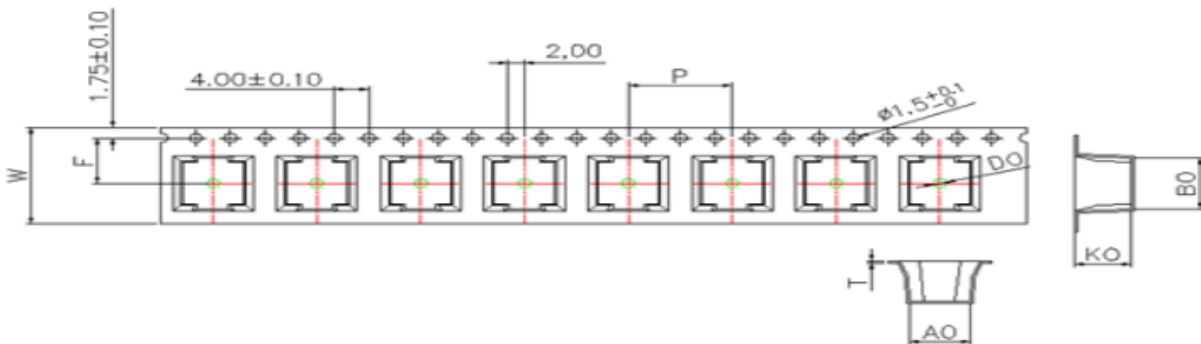
A	4.10
B	5.40
C	13.60

Unit : mm

Packaging Information (包装信息)



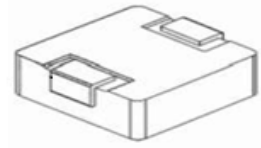
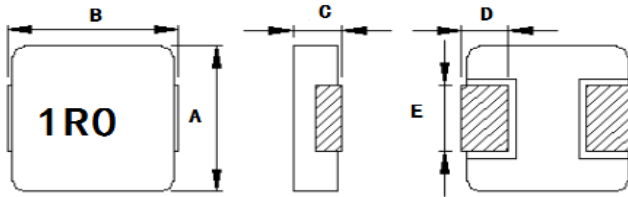
TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	24±0.3	30.4



Q'TY (PCS)	A0	B0	KO	W	P	T
1000	10.7±0.1	12.0±0.1	3.2±0.1	24.0±0.3	16.0±0.1	0.35±0.05

- ①一卷包装:1000Pcs;
② 小箱装两卷:一共2000Pcs;
③ 大箱装三小箱: 一共6000Pcs.

SMD POWER INDUCTORS: SPD1040H/45H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1040H/45H	10.5Max	11.8Max	4.0MAX/4.5MAX	2.0±0.5	3.0±0.3

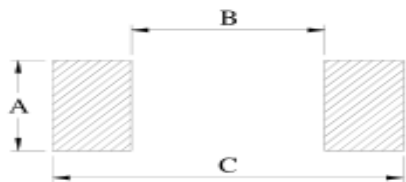
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1040H-R15M-CTP	0.15	48.0	65.0	0.50	0.60
SPD1040H-R22M-CTP	0.22	35.0	45.0	0.5	0.6
SPD1040H-R36M-CTP	0.36	30.0	50.0	1.10	1.40
SPD1040H-R47M-CTP	0.47	25.0	35.0	1.4	1.6
SPD1040H-R56M-CTP	0.56	23.0	30.0	1.50	1.70
SPD1040H-R68M-CTP	0.68	20.0	30.0	1.7	2.4
SPD1040H-1R0MT-CTP	1	20.0	26.0	2.80	3.50
SPD1040H-1R5M-CTP	1.5	16.0	22.0	4.5	5.8
SPD1040H-2R2M-CTP	2.2	12.0	18.0	6.5	7.0
SPD1040H-3R3M-CTP	3.3	11.0	16.0	10.5	11.6
SPD1040H-4R7M-CTP	4.7	8.0	13.0	13.5	16.5
SPD1040H-5R6M-CTP	5.6	7.0	12.0	18.0	22.0
SPD1040H-6R8M-CTP	6.8	7.0	10.0	20.0	25.0
SPD1040H-8R2M-CTP	8.2	6.0	9.0	33.0	36.0
SPD1040H-100M-CTP	10	6.0	8.5	35.0	40.0
SPD1040H-150M-CTP	15	6.0	7.0	42.0	45.0
SPD1040/45H-220M-CTP	22	5.1	5.6	62.0	65.0
SPD1040/45H-330M-CTP	33	3.5	5.0	90.0	95.0
SPD1040/45H-470M-CTP	47	3.3	4.0	127.0	145.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS: SPD1040H/45H Series

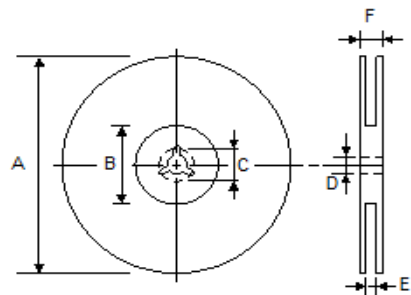
Recommend Land Pattern Dimensions (推荐焊盘)



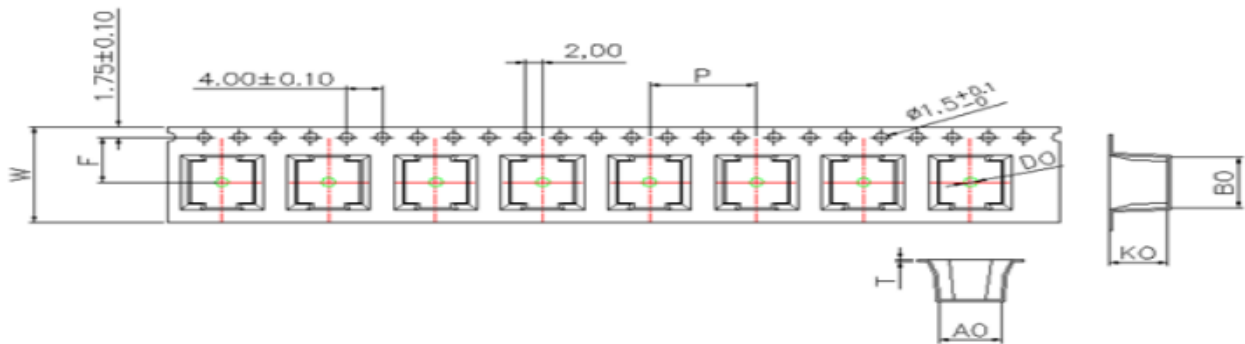
A	4.10
B	5.40
C	13.60

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	24±0.3	30.4



Q'TY (PCS)	A0	B0	KO	W	P	T
800/1000	10.7±0.1	12.0±0.1	4.5±0.1	24.0±0.3	16.0±0.1	0.35±0.05

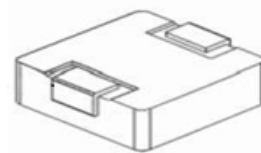
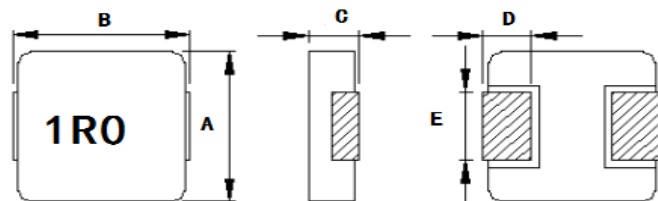
CET1040H Series:

- ①一卷包装:1000Pcs;
- ② 小箱装两卷:一共2000Pcs;
- ③ 大箱装三小箱: 一共6000Pcs.

CET1045 Series:

- ①一卷包装:800Pcs;
- ② 小箱装两卷:一共1600Pcs;
- ③ 大箱装三小箱: 一共4800Pcs.

SMD POWER INDUCTORS: SPD1050H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1050H	10.0±0.3	11.0±0.5	5.0MAX	2.0±0.5	3.0±0.3

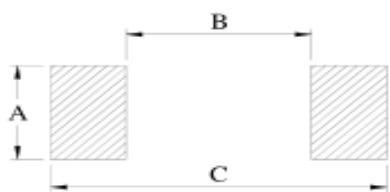
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1050H-R15M-CTP	0.15	48.0	65.0	0.50	0.60
SPD1050H-R22M-CTP	0.22	40.0	60.0	0.50	0.60
SPD1050H-R36M-CTP	0.36	38.0	55.0	0.90	1.10
SPD1050H-R47M-CTP	0.47	36.0	50.0	1.10	1.30
SPD1050H-R68M-CTP	0.68	25.0	40.0	1.60	2.00
SPD1050H-R82M-CTP	0.82	20.0	34.0	2.00	2.50
SPD1050H-1R0M-CTP	1.00	22.0	30.0	2.56	2.80
SPD1050H-1R5M-CTP	1.50	18.0	25.0	3.90	4.60
SPD1050H-2R2M-CTP	2.20	17.0	20.0	6.40	6.86
SPD1050H-3R3M-CTP	3.30	12.0	16.0	10.40	11.56
SPD1050H-4R7M-CTP	4.70	10.0	15.0	13.00	16.00
SPD1050H-6R8M-CTP	6.80	8.0	12.0	17.00	22.00
SPD1050H-8R2M-CTP	8.20	7.0	11.0	22.00	25.00
SPD1050H-100M-CTP	10.00	6.0	10.0	23.00	28.00
SPD1050H-150M-CTP	15.00	5.0	8.0	39.00	45.00
SPD1050H-220M-CTP	22.00	4.5	7.0	55.00	60.00
SPD1050H-330M-CTP	33.00	4.0	6.0	90.00	95.00
SPD1050H-470M-CTP	47.00	3.5	5.0	127.00	145.00
SPD1050H-680M-CTP	68.00	3.0	5.0	215.00	258.00

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD1050H Series

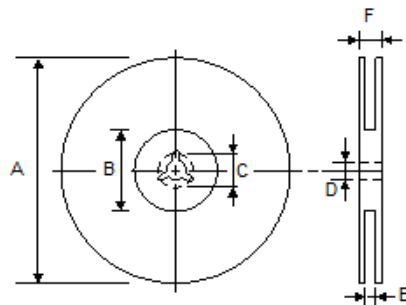
Recommend Land Pattern Dimensions (推荐焊盘)



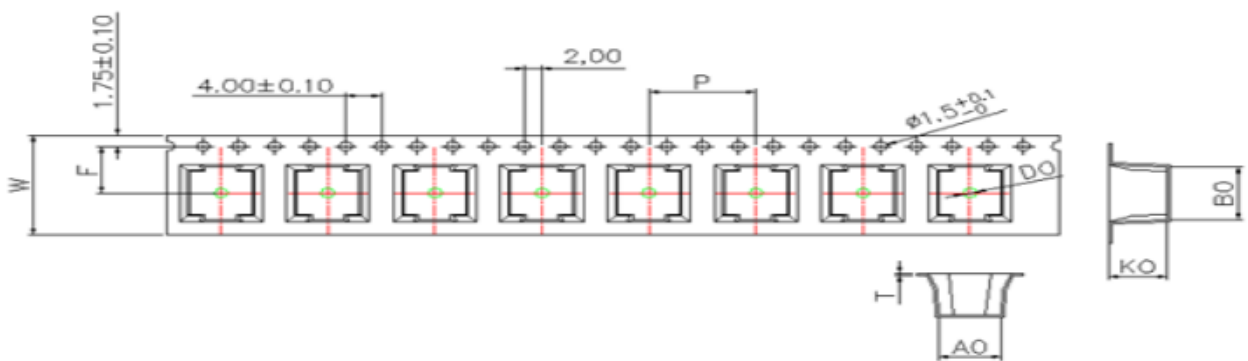
A	4.10
B	5.40
C	13.60

Unit : mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	24±0.3	30.4



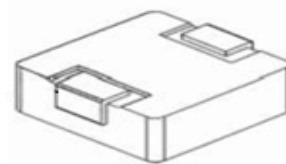
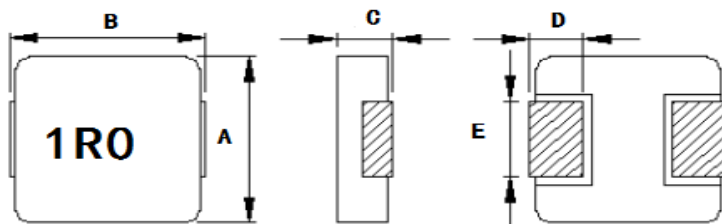
Q'TY (PCS)	A0	B0	KO	W	P	T
500/800	10.7±0.1	12.0±0.1	5.2±0.1	24.0±0.3	16.0±0.1	0.35±0.05

- ①一卷包装:500Pcs / 800Pcs;
- ② 小箱装两卷:一共1000Pcs / 1600Pcs;
- ③ 大箱装三小箱: 一共3000Pcs / 4800Pcs.



SMD POWER INDUCTORS:

SPD1235H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1235H	12.8±0.5	13.5±1.0	3.5MAX	2.5±0.5	3.5±0.5

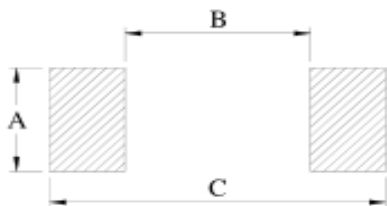
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1235H-R15M-CTP	0.15	40.0	65.0	0.7	0.9
SPD1235H-R22M-CTP	0.22	35.0	60.0	0.9	1.2
SPD1235H-R36M-CTP	0.33	32.0	55.0	1.1	1.5
SPD1235H-R47M-CT	0.47	30.0	45.0	1.1	1.5
SPD1235H-R68M-CTP	0.68	28.0	40.0	2.1	2.5
SPD1235H-1R0M-CTP	1.00	24.0	28.0	3.2	3.5
SPD1235H-1R5M-CTP	1.50	19.0	25.0	5.1	5.5
SPD1235H-2R2M-CTP	2.20	16.0	22.0	7.0	8.0
SPD1235H-3R3M-CTP	3.30	12.0	20.0	10.0	12.0
SPD1235H-4R7M-CTP	4.70	10.0	14.0	16.0	20.0
SPD1235H-6R8M-CTP	6.80	9.0	13.0	19.0	22.0
SPD1235H-100M-CTP	10.00	6.0	10.0	28.0	35.0
SPD1235H-150M-CTP	15.00	4.0	7.0	70.0	90.0
SPD1235H-220M-CTP	22.00	3.0	5.5	99.0	110.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS:SPD1235H Series

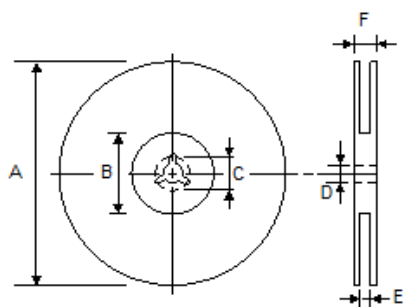
Recommend Land Pattern Dimensions (推荐焊盘)



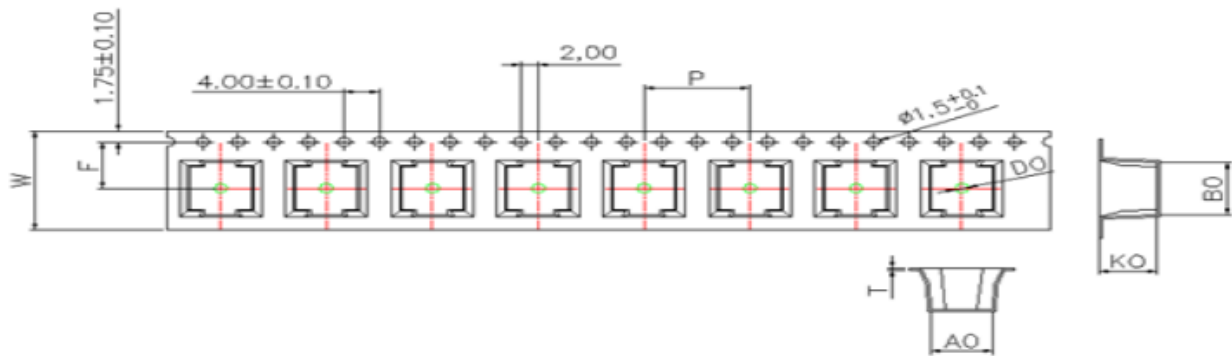
A	5.0
B	6.0
C	16.0

Unit: mm

Packaging Information (包装信息)



TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	24±0.3	30.4

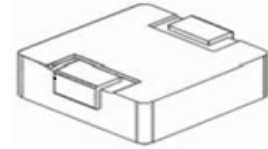
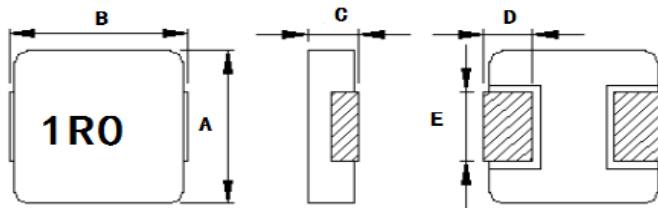


Q'TY (PCS)	A0	B0	KO	W	P	T
800	13.3±0.3	14.8±0.3	3.8±0.1	24.0±0.3	16.0±0.1	0.35±0.05

- ①一卷包装:800Pcs;
- ② 小箱装两卷:一共1600Pcs;
- ③ 大箱装三小箱: 一共4800Pcs.

SMD POWER INDUCTORS:

SPD1250H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1250H	12.8±0.5	13.5±1.0	5.0MAX	2.5±0.5	3.5±0.5

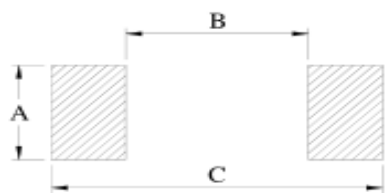
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1250H-R22M-CTP	0.22	40.0	60.0	0.5	0.7
SPD1250H-R36M-CTP	0.36	38.0	55.0	0.7	0.9
SPD1250H-R47M-CTP	0.47	31.0	55.0	1.0	1.3
SPD1250H-R68M-CTP	0.68	30.0	50.0	1.3	1.5
SPD1250H-3R3M-CTP	3.30	15.0	22.0	7.5	9.0
SPD1250H-4R7M-CTP	4.70	11.0	18.0	11.0	12.0
SPD1250H-6R8M-CTP	6.80	11.0	17.0	15.0	18.0
SPD1250H-8R2M-CTP	8.20	10.0	16.0	19.0	23.0
SPD1250H-100M-CTP	10.00	7.0	12.0	23.0	25.5
SPD1250H-150M-CTP	15.00	6.0	10.0	46.0	50.0
SPD1250H-220M-CTP	22.00	4.0	7.0	60.0	70.0
SPD1250H-330M-CTP	33.00	3.0	6.0	72.0	80.0
SPD1250H-470M-CTP	47.00	2.5	5.0	85.0	100.0
SPD1250H-680M-CTP	68.00	2.0	3.5	154.0	180.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
4. I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS:SPD1250H Series

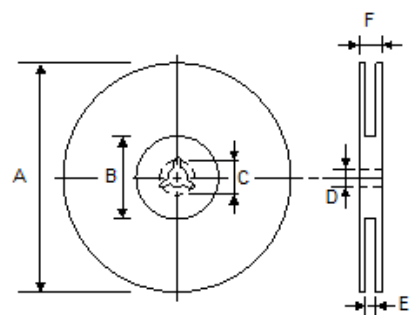
Recommend Land Pattern Dimensions (推荐焊盘)



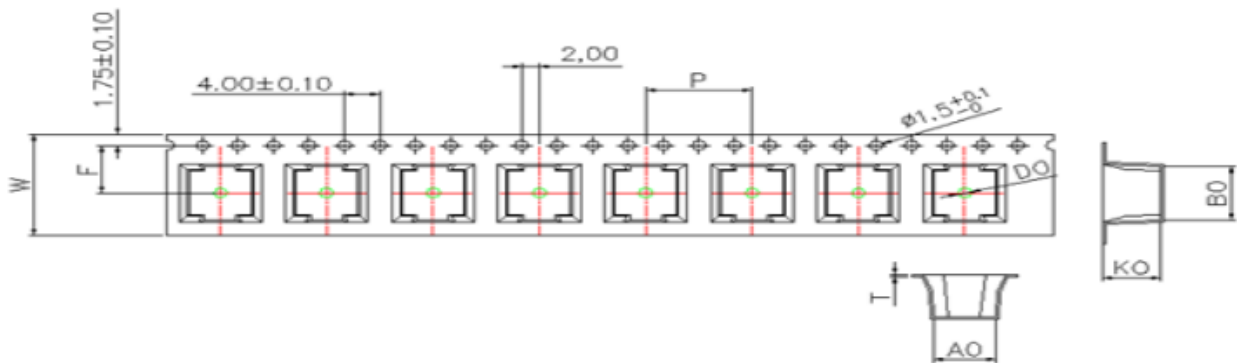
A	5.0
B	6.0
C	16.0

Unit: mm

Packaging Information (包装信息)



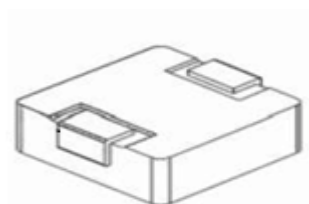
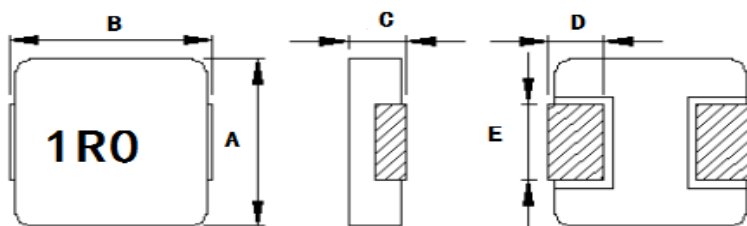
TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	24±0.3	30.4



Q'TY (PCS)	A0	B0	KO	W	P	T
500	13.3±0.3	14.8±0.3	5.3±0.1	24.0±0.3	16.0±0.1	0.35±0.05

- ①一卷包装:500Pcs;
- ② 小箱装两卷:一共1000Pcs;
- ③ 大箱装三小箱: 一共3000Pcs.

SMD POWER INDUCTORS: SPD1265 Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
CET1265	12.8±0.5	13.5±1.0	6.5MAX	2.5±0.5	3.5±0.5

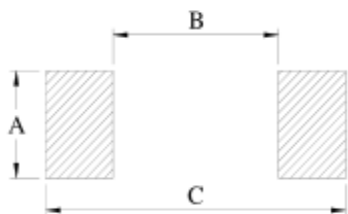
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1265H-R22M-CTP	0.22	40.0	70.0	0.70	0.90
SPD1265H-R33M-CTP	0.33	38.0	70.0	0.56	0.80
SPD1265H-R47M-CTP	0.47	35.0	60.0	1.10	1.30
SPD1265H-R68M-CTP	0.68	30.0	51.0	1.30	1.50
SPD1265H-1R0M-CT	1	30.0	50.0	1.50	2.00
SPD1265H-2R2M-CTP	2.2	18.0	35.0	3.50	4.50
SPD1265H-3R3M-CTP	3.3	17.0	25.0	5.80	7.50
SPD1265H-5R6M-CTP	5.6	12.0	19.0	9.50	12.00
SPD1265H-6R8M-CTP	6.8	11.5	18.0	11.00	14.00
SPD1265H-100M-CTP	10	10.0	15.5	16.00	20.00
SPD1265H-150M-CTP	15	7.0	12.0	27.50	30.00
SPD1265H-220M-CTP	22	6.0	9.0	30.00	36.00
SPD1265H-330M-CTP	33	5.0	8.0	48.00	55.00
SPD1265H-470M-CTP	47	4.0	6.0	64.00	80.00
SPD1265H-680M-CTP	68	3.0	5.0	94.00	115.00

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. Irms : DC current (A) that will cause an approximate ΔT of 40°C
4. Isat : DC current (A) that will cause Lo to drop approximately 30%
5. Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS: SPD1265 Series

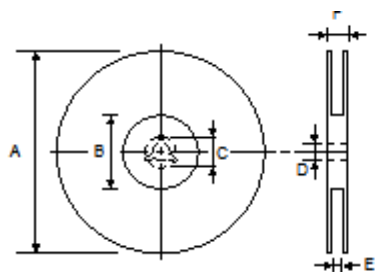
Recommend Land Pattern Dimensions (推荐焊盘)



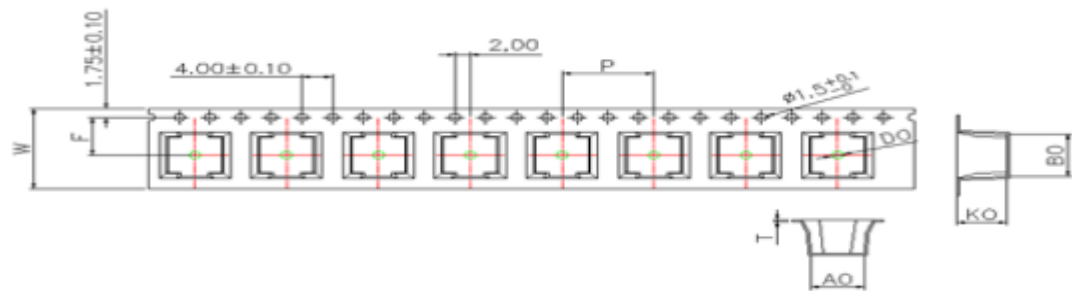
A	5.0
B	6.0
C	16.0

Unit: mm

Packaging Information (包装信息)



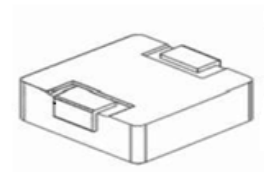
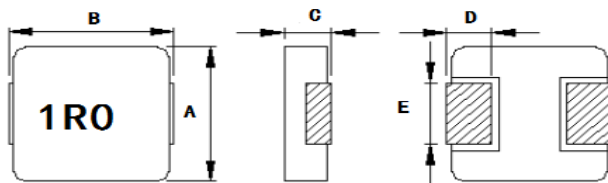
TYPE	A	B	C	D	E	F
24mm	330	100	21.0±0.8	13 ^{+0.5} _{-0.2}	24±0.3	30.4



QTY (PCS)	A0	B0	KO	W	P	T
500	13.3±0.3	14.8±0.3	7.0±0.1	24.0±0.3	16.0±0.1	0.35±0.05

- ①一卷包装:500Pcs;
- ② 小箱装两卷:一共1000Pcs;
- ③ 大箱装三小箱: 一共3000Pcs.

SMD POWER INDUCTORS: SPD1740H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1770H	17.0±0.5	17.8±1.0	4.0MAX	3.3±0.5	12.0±0.3

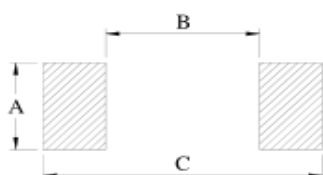
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1740H-R33M-CTP	0.33	56.0	60.0	1.16	1.28
SPD1740H-1R5M-CTP	1.5	18.0	32.0	4.1	4.5

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
4. I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD1740Series

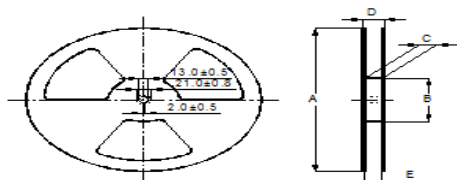
Recommend Land Pattern Dimensions (推荐焊盘)



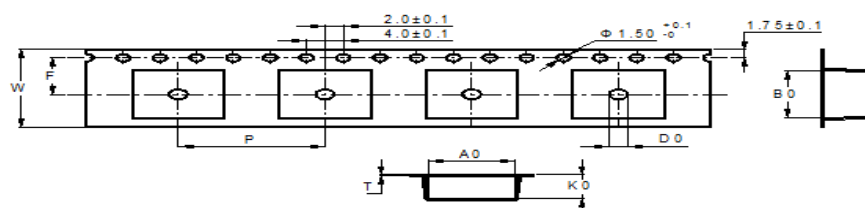
A	13.5 Ref
B	11.0 Ref
C	19.5 Ref

Unit : mm

Packaging Information (包装信息)

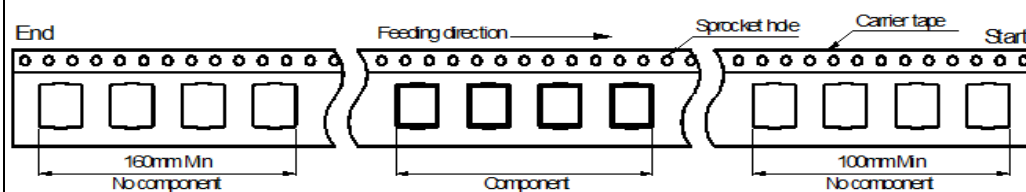


TYPE	A	B	C	D	E
32mm	330±2.0	100Min	16.4 +2.0/-0	36.4Max	32.9Min



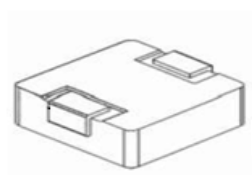
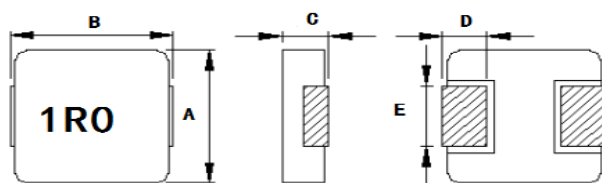
Q'TY (PCS)	A0	B0	K0	W	P	T
500	17.5±0.1	18.5±0.1	4.5±0.1	32.0±0.3	20.0±0.1	0.40±0.05

Packaging direction



- ①一卷包装:500Pcs;
- ② 小箱装一卷:一共500Pcs;
- ③ 大箱装六小箱:一共3000Pcs.

SMD POWER INDUCTORS: SPD1770H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPD1770H	17.0±0.5	17.8±1.0	7.0MAX	3.3±0.5	12.0±0.3

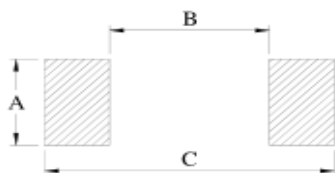
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
SPD1770H-1R5M-CTP	1.5	25.0	55.0	1.8	2.5
SPD1770H-2R2M-CTP	2.2	20.0	45.0	2.0	2.5
SPD1770H-3R3M-CTP	3.3	17.0	40.0	3.0	3.5
SPD1770H-4R7M-CTP	4.7	15.0	32.0	4.0	4.6
SPD1770H-6R8M-CTP	6.8	13.0	26.0	6.0	7.5
SPD1770H-8R2M-CTP	8.2	12.0	21.0	8.2	9.0
SPD1770H-100M-CTP	10.0	11.0	21.0	9.3	13.0
SPD1770H-150M-CTP	15.0	11.0	20.0	14.5	18.0
SPD1770H-220M-CTP	22.0	10.0	16.0	19.5	25.0
SPD1770H-330M-CTP	33.0	7.0	13.0	35.0	42.0
SPD1770H-470M-CTP	47.0	6.0	11.0	43.0	52.0
SPD1770H-560M-CTP	56.0	5.5	8.0	74.0	85.0
SPD1770H-680M-CTP	68.0	5.2	6.5	74.0	85.0
SPD1770H-331M-CTP	330	2.2	4.0	285.0	350.0

NOTES:

1. All test data is referenced to 25°C ambient
2. Operating Temperature Range -55°C to +150°C
3. I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
4. I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
5. Test Frequency: 100KHZ, 1.0V

SMD POWER INDUCTORS: SPD1770 Series

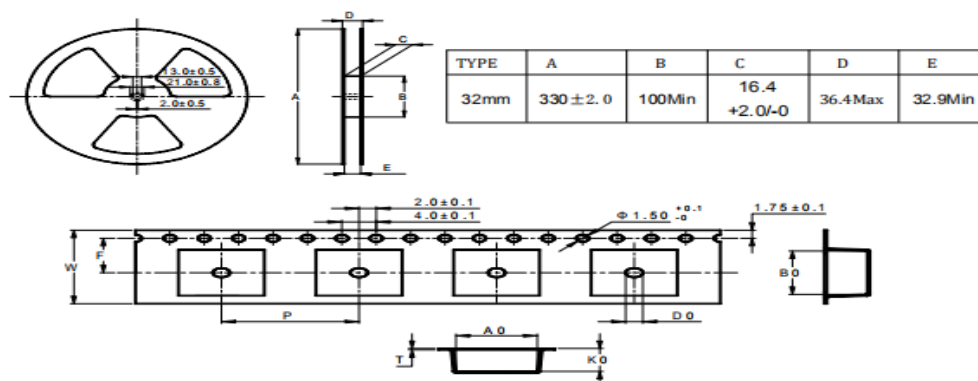
Recommend Land Pattern Dimensions (推荐焊盘)



A	13.5 Ref
B	11.0 Ref
C	19.5 Ref

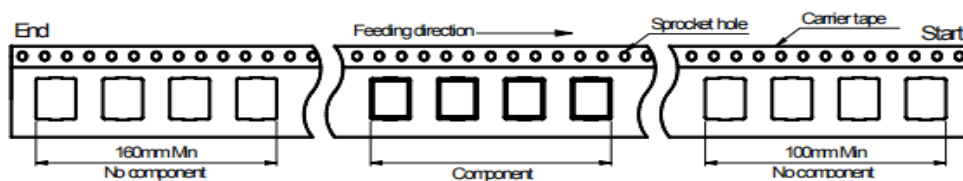
Unit : mm

Packaging Information (包装信息)



Q'TY (PCS)	A0	B0	KO	W	P	T
300	17.5±0.1	18.5±0.1	7.5±0.1	32.0±0.3	20.0±0.1	0.40±0.05

Packaging direction



- ①一卷包装:300Pcs;
② 小箱装一卷:一共300Pcs;
③ 大箱装六小箱:一共1800Pcs.