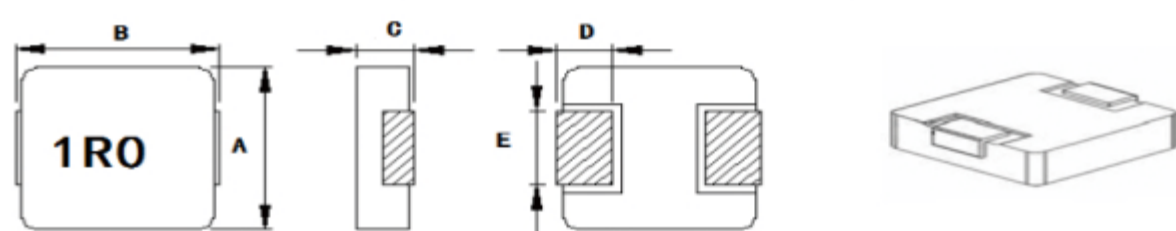


SMD POWER INDUCTORS:

HL0520H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HL0520H	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 I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
HL0520H-R22M-P	0.22	13.0	16.5	4.6	6.0
HL0520H-R33M-P	0.33	12.0	15.0	7.4	9.0
HL0520H-R47M-P	0.47	11.5	12.0	7.4	9.0
HL0520H-1R0M-P	1	6.0	8.0	15.0	20.0
HL0520H-1R5M-P	1.5	5.0	7.0	22.0	26.0
HL0520H-2R2M-P	2.2	4.0	6.0	42.0	50.0
HL0520H-3R3M-P	3.3	3.5	5.0	58.0	70.0
HL0520H-4R7M-P	4.7	3.2	4.0	85.0	95.0
HL0520H-6R8M-P	6.8	2.5	2.8	120.0	150.0
HL0520H-100M-P	10	1.8	2	170	190

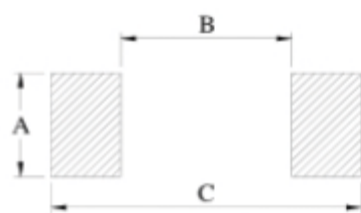
NOTES:

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

SMD POWER INDUCTORS:

HL0520H Series

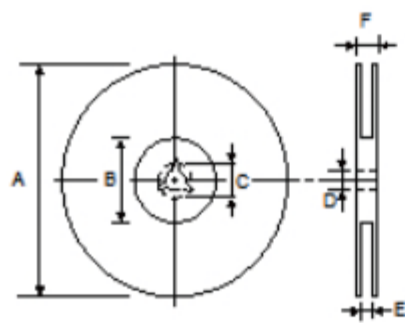
Recommend Land Pattern Dimensions (推荐焊盘)



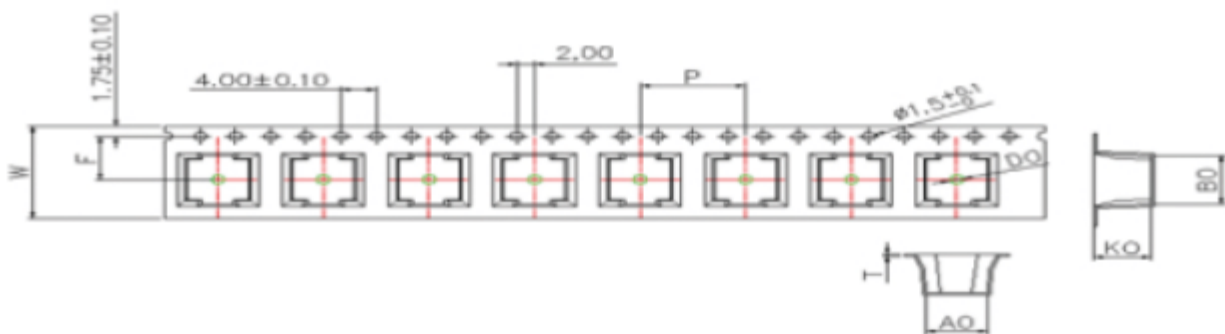
A	2.50
B	3.00
C	7.00

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

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

- One roll packing :2500Pcs / 3000Pcs;
- Small box with two rolls :- a total of 5000Pcs / 6000Pcs;
- Big box three small boxes: a total of 15000Pcs / 18000pcs.