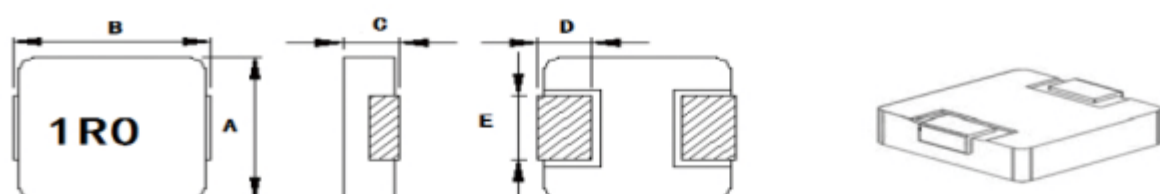


SMD POWER INDUCTORS:

HL0530H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HL0530H	5.3MAX	5.6±0.3	3.0MAX	1.2±0.3	2.0±0.3
Part Number	LO Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
HL0530H-R22M-P	0.22	14.0	17.0	4.0	5.0
HL0530H-R47M-P	0.47	11.5	14.0	8.0	10.0
HL0530H-R68M-P	0.68	9.0	12.0	9.0	12.0
HL0530H-1R0M-P	1	7.0	10.0	12.0	16.0
HL0530H-2R2M-P	2.2	5.0	8.0	28.0	35.0
HL0530H-3R3M-P	3.3	4.5	7.0	38.0	45.0
HL0530H-4R7M-P	4.7	4.0	5.0	52.0	60.0
HL0530H-6R8M-P	6.8	3.0	3.5	62.0	80.0
HL0530H-100M-P	10	2.8	3.5	110.0	130.0

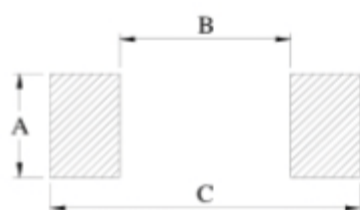
NOTES:

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:

HL0530H Series

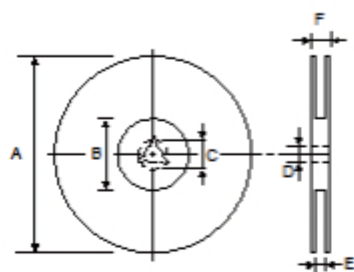
Recommend Land Pattern Dimensions (推荐焊盘)



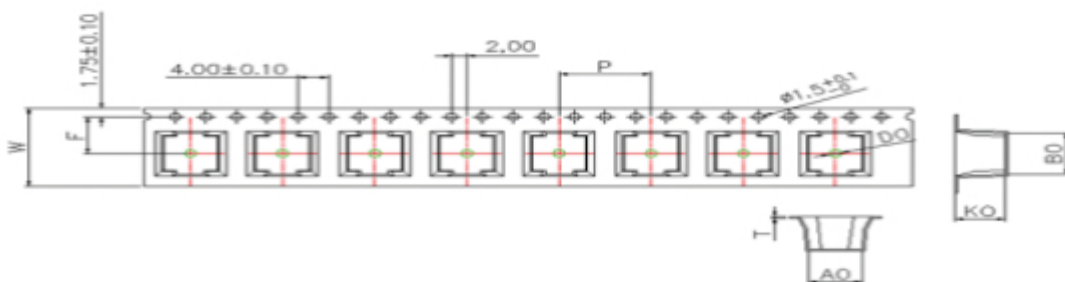
A	2.50
B	3.00
C	7.00

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;
- ① One roll packing :2000Pcs / 2500 Pcs;
 ② Small box with two rolls :- A total of 4000Pcs / 5000Pcs;
 ③ Big box three small boxes: a total of 12000Pcs / 15000pcs.