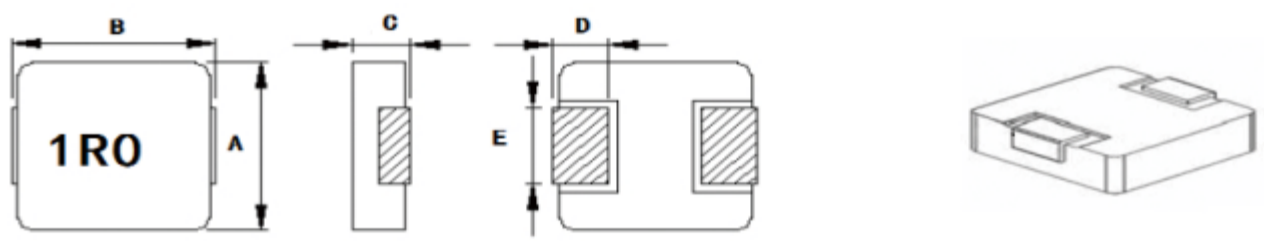


SMD POWER INDUCTORS: HL0615H Series



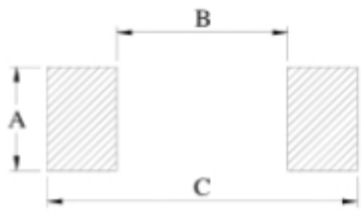
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HL0615H	6.6±0.3	7.6MAX	1.5MAX	1.6±0.5	3.0±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
HL0615H-R10M-P	0.1	19.0	24.0	2.8	3.1
HL0615H-R68M-P	0.68	8.5	12.0	12.5	13.5
HL0615H-1R0M-P	1	5.5	7.0	17.0	21.0
HL0615H-2R2M-P	2.2	5.0	6.0	45.0	50.0
HL0615H-3R3M-P	3.3	3.0	5.0	55.0	70.0
HL0615H-4R7M-P	4.7	2.8	4.5	95.0	110.0
HL0615H-6R8M-P	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. 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: HL0615H Series

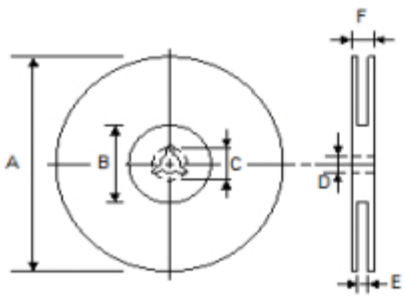
Recommend Land Pattern Dimensions (推荐焊盘)



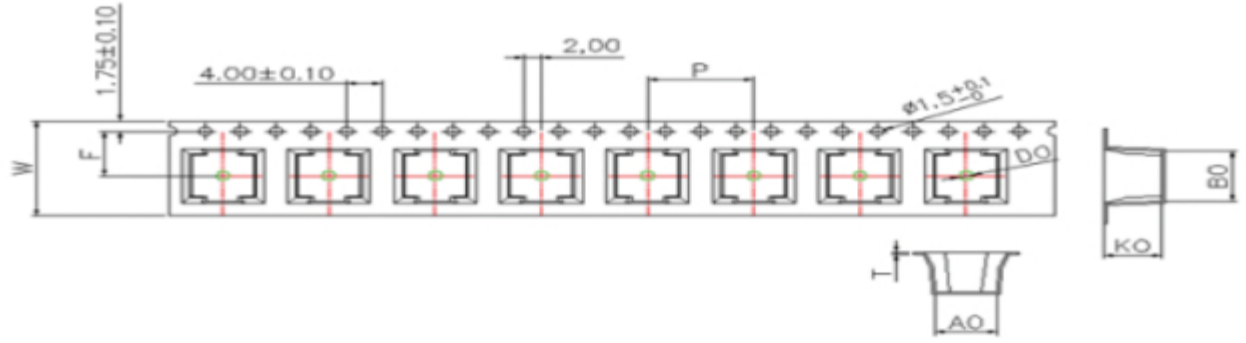
A	3.50
B	2.50
C	8.40

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; | ① One roll packing :2000Pcs. |
| ② 小箱装两卷: 一共4000Pcs; | ② Small box packed with two rolls: a total of 4000Pcs. |
| ③ 大箱装三小箱: 一共12000Pcs. | ③ Big box three small boxes: a total of 12000Pcs. |