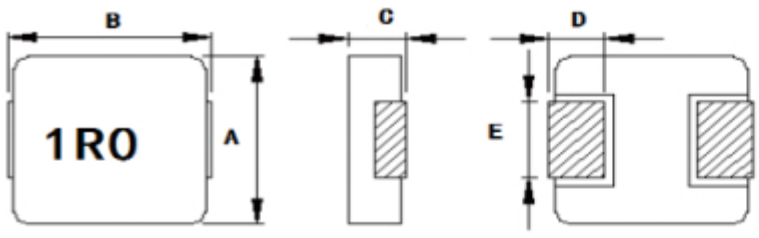
SMD POWER INDUCTORS: HL0515H Series



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
HL0515H	5.3MAX	5.6±0.3	1.5MAX	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.
HL0515H-R22M-P	0.22	13.0	16.0	7.2	8.5
HL0515H-R47M-P	0.47	8.0	12.0	12.0	13.8
HL0515H-R68M-P	0.68	7.0	10.0	15.0	20.0
HL0515H-1R0M-P	1.0	5.0	8.0	28.0	33.0
HL0515H-2R2M-P	2.2	4.0	5.0	60.0	70.0
HL0515H-3R3M-P	3.3	3.0	4.0	75.0	90.0
HL0515H-4R7M-P	4.7	2.5	3.5	110.0	135.0

NOTES:

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

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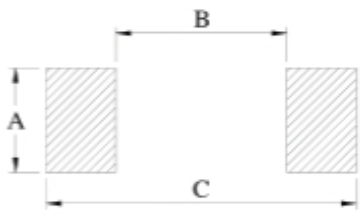
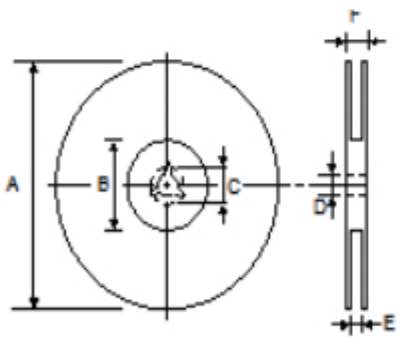
Recommend Land Pattern Dimensions（推荐焊盘）



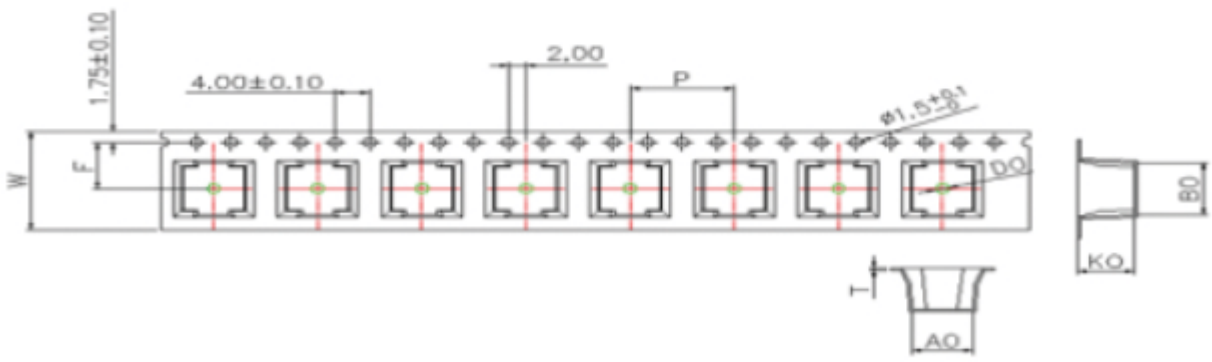
A	2.50
B	3.00
C	7.00

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.

① One roll packing :3000Pcs.
② Small box with two volumes: a total of 6000Pcs.
③ Big box three small boxes: a total of 18000Pcs.