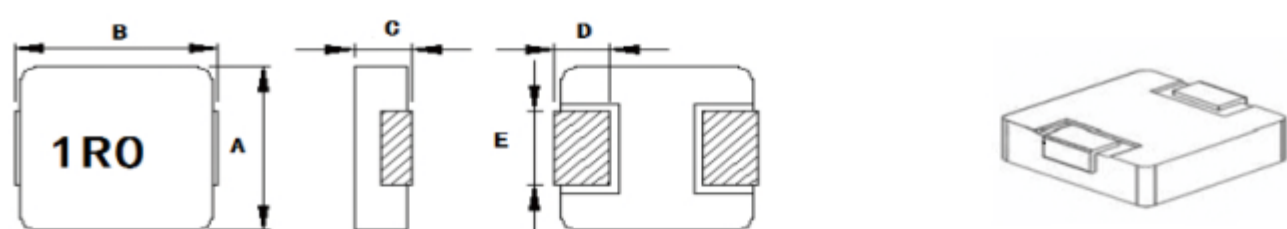


SMD POWER INDUCTORS: HL0624H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HL0624H	6.6±0.3	7.6MAX	2.4MAX	1.6±0.5	3.0±0.3

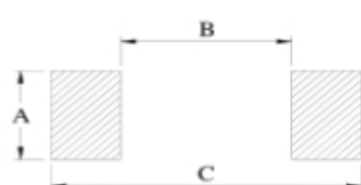
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
HL0624H-R10M-P	0.1	22.0	35.0	2.1	2.5
HL0624H-R22M-P	0.22	20.0	27.0	2.9	3.2
HL0624H-R33M-P	0.33	18.0	24.0	3.5	4.5
HL0624H-R47M-P	0.47	15.0	21.0	5.6	6.8
HL0624H-R68M-P	0.68	9.0	18.0	7.0	9.0
HL0624H-1R0M-P	1.0	9.0	15.0	11.0	13.0
HL0624H-1R5M-P	1.5	8.0	12.0	16.5	20.0
HL0624H-2R2M-P	2.2	7.0	10.0	22.0	28.0
HL0624H-3R3M-P	3.3	5.5	8.0	42.0	50.0
HL0624H-4R7M-P	4.7	5.0	7.0	47.0	50.0
HL0624H-6R8M-P	6.8	3.5	6.0	82.0	90.0
HL0624H-100M-P	10.0	3.1	4.0	89.0	101.0
HL0624H-150M-P	15	2.5	3.3	120.0	160.0
HL0624H-220M-P	22	2.0	2.5	217.0	230.0

NOTES:

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

SMD POWER INDUCTORS: HL0624H Series

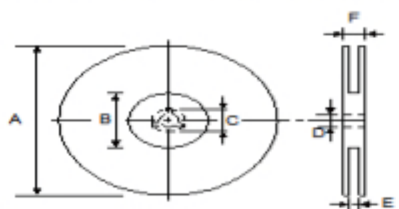
Recommend Land Pattern Dimensions (推荐焊盘)



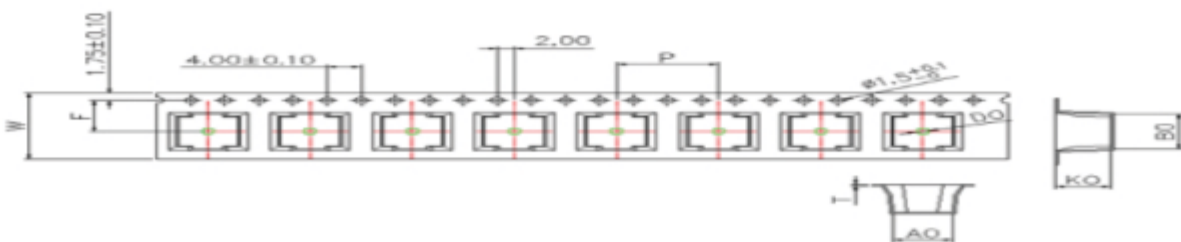
A	3.50
B	2.50
C	8.40

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; | ① One roll package: 2000; |
| ② 小箱装两卷: 一共6000Pcs; | ② Small box packed with two volumes: a total of 6000Pcs, |
| ③ 大箱装三小箱: 一共12000Pcs. | ③ Big box three small boxes: a total of 12000Pcs. |