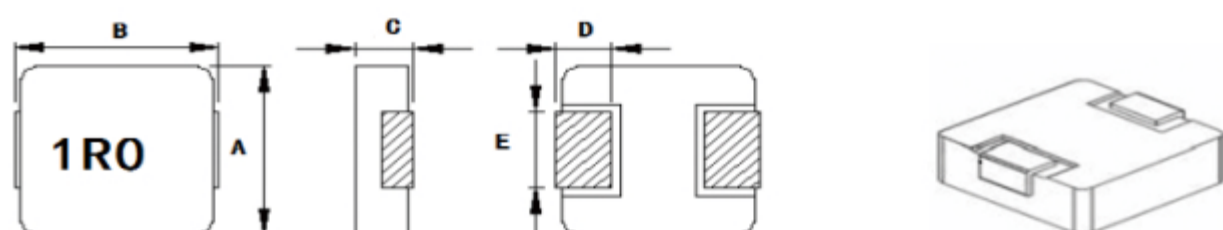


SMD POWER INDUCTORS: HL0420H Series



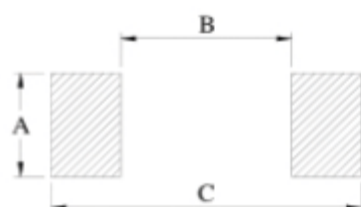
Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HL0420H	4.06±0.30	4.49±0.40	2.0MAX	1.1±0.3	1.5±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms(A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
HL0420H-R10N-P	0.1±30%	12.0	23.0	3.8	4.5
HL0420H-R22M-P	0.22	11.0	16.0	5.0	7.0
HL0420H-R33M-P	0.33	10.5	12.0	8.2	10.5
HL0420H-R47M-P	0.47	7.0	10.0	11.0	14.0
HL0420H-R56M-P	0.56	6.5	9.5	14.0	18.0
HL0420H-R68M-P	0.68	6.0	8.0	15.0	20.0
HL0420H-1R0M-P	1.0	4.5	7.0	23.0	27.0
HL0420H-1R2M-P	1.2	4.0	6.5	28.0	33.0
HL0420H-1R5M-P	1.5	4.0	6.0	30.0	36.0
HL0420H-2R2M-P	2.2	3.0	5.0	49.0	58.0
HL0420H-3R3M-P	3.3	3.0	4.0	78.0	87.0
HL0420H-4R7M-P	4.7	2.2	3.0	105.0	140.0
HL0420H-6R8M-P	6.8	2.0	2.5	120.0	175.0
HL0420H-100M-P	10	1.6	2.0	170.0	200.0

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: HL0420H Series

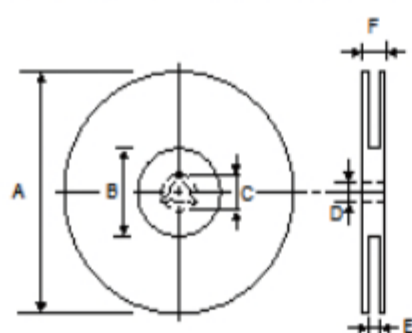
Recommend Land Pattern Dimensions (推荐焊盘)



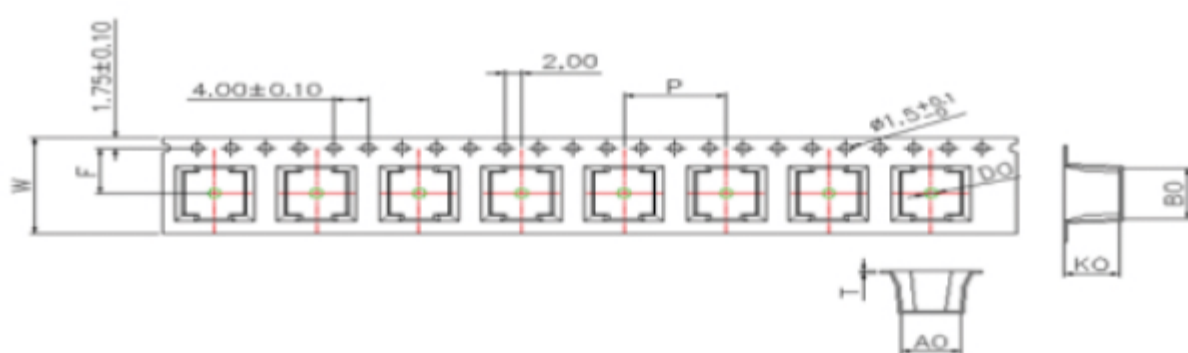
A	2.30
B	2.20
C	5.20

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	4.4±0.1	5.2±0.1	2.2±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ①一卷包装: 3000Pcs. ① One roll packing :3000Pcs.
- ②小箱装两卷: 一共6000Pcs. ② Small box with two volumes: a total of 6000Pcs.
- ③大箱装三小箱: 一共18000Pcs. ③ Big box three small boxes: a total of 18000Pcs.