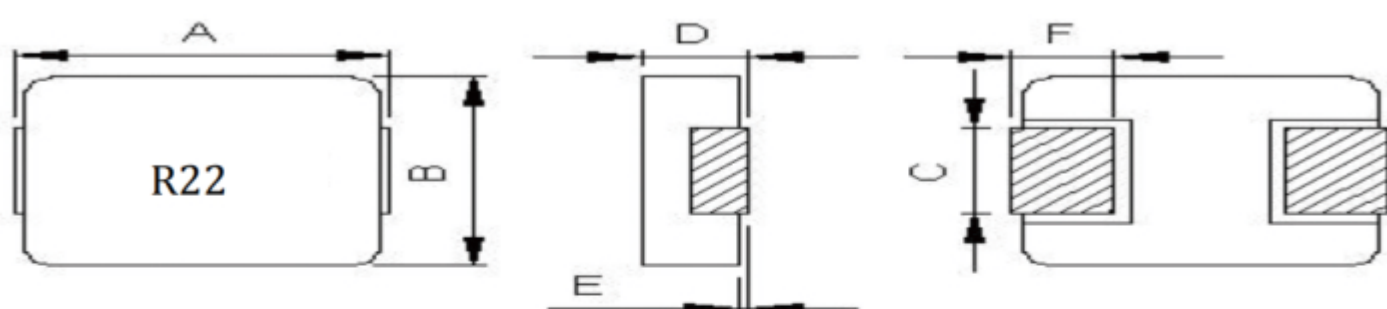


SMD POWER INDUCTORS: HL107050T Series



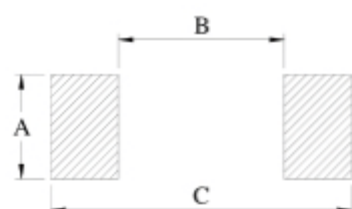
Series	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)
HL107050T	10.1±0.5	7.0±0.5	2.8±0.5	5.0Max	2.0±0.5
Part Number	L0 Inductance (µH) ± 20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
HL107050T-R15M	0.15	42.0	90.0	0.49	0.60
HL107050T-R22M	0.22	40.0	65.0	0.53	0.60
HL107050T-R33M	0.33	28.0	60.0	1.10	1.40

NOTES:

- All test data is referenced to 25°C ambient
- Operating Temperature Range -55°C to +125°C
- I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
- I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%
- Test Frequency: 100KHZ,1.0V

SMD POWER INDUCTORS: HL1770Series

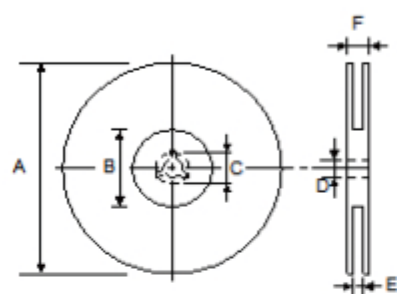
Recommend Land Pattern Dimensions (推荐焊盘)



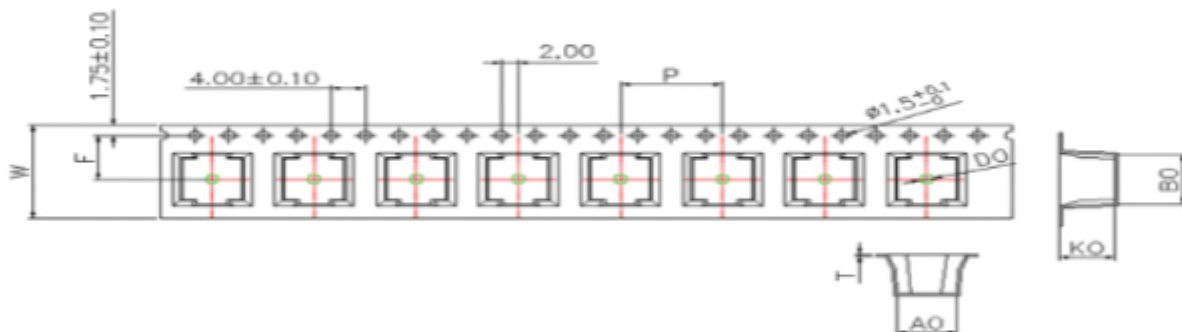
A	3.5
B	5.5
C	12.5

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
700	8.0±0.1	12.0±0.1	5.5±0.1	24±0.3	16.0±0.1	0.35±0.05

- 一卷包装: 700PCS;
- 小箱装两卷: 一共1400PCS;
- 大箱装三小箱: 一共4200PCS.