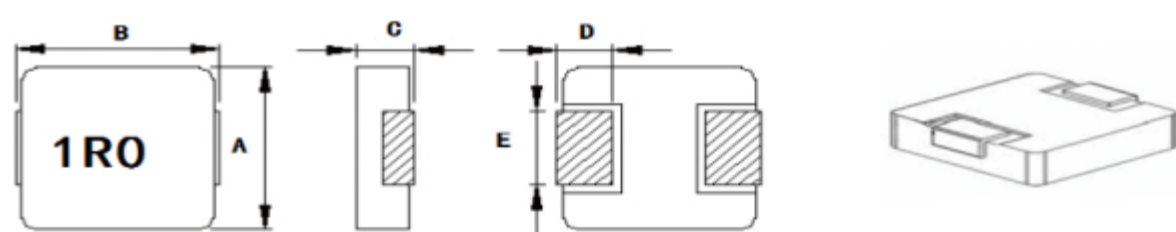


SMD POWER INDUCTORS:

HL0518H Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HL0518H	5.3MAX	5.6±0.3	1.8MAX	1.2±0.3	2.0±0.3
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current I _{rms} (A)	Saturation Current I _{sat} (A)	DCR (mΩ)	
				TYP.	MAX.
HL0518H-R47M-P	0.47	11.5	15.0	8.2	9.0
HL0518H-R68M-P	0.68	9.5	11.0	10.0	12.0
HL0518H-1R0M-P	1	6.0	8.0	15.0	20.0
HL0518H-2R2M-P	2.2	4.0	6.0	42.0	50.0
HL0518H-3R3M-P	3.3	3.5	5.0	58.0	70.0
HL0518H-4R7M-P	4.7	3.0	4.0	105.0	115.0
HL0518H-6R8M-P	6.8	2.5	2.8	120.0	150.0
HL0518H-100M-P	10	1.5	2.0	180.0	200.0

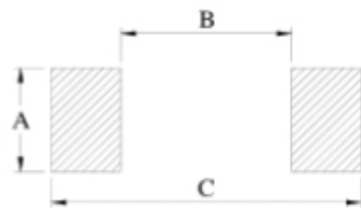
NOTES:

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:

HL0518H Series

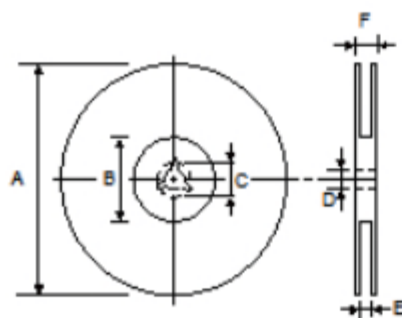
Recommend Land Pattern Dimensions (推荐焊盘)



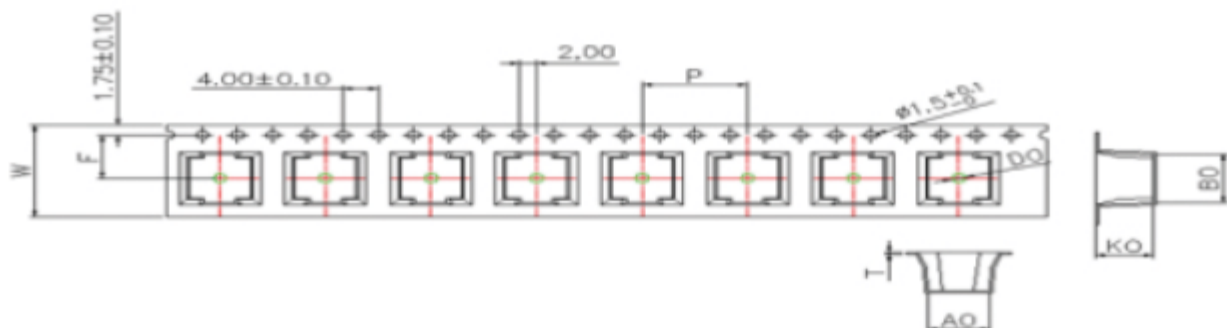
A	2.50
B	3.00
C	7.00

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
2500/3000	5.4±0.1	6.0±0.1	2.2±0.1	12.0±0.3	8.0±0.1	0.30±0.05

- ① 一卷包装: 2500Pcs / 3000Pcs;
- ② 小箱装两卷: 一共5000Pcs / 6000Pcs;
- ③ 大箱装三小箱: 一共15000Pcs / 18000pcs.