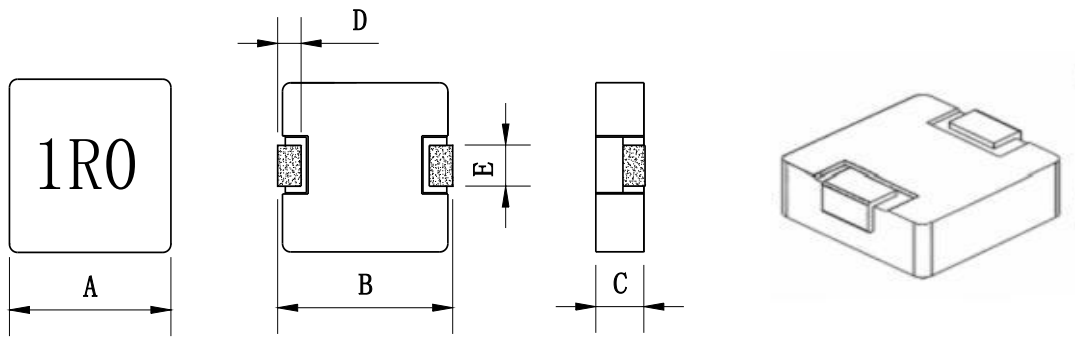


SMD POWER INDUCTORS: HSC6050 Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HSC6050	6.6 ± 0.2	7.3MAX	5.0MAX	1.6 ± 0.3	3.0 ± 0.2

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
HSC6050-R47M-G/B	0.47	13.0	24.0	3.1	3.5
HSC6050-R56M-G/B	0.56	12.0	22.0	3.9	4.6
HSC6050-R68M-G/B	0.68	10.0	18.0	5.1	6.0
HSC6050-R82M-G/B	0.82	9.0	17.0	6.0	6.8
HSC6050-1R0M-G/B	1.0	8.0	16.0	6.4	7.2
HSC6050-1R5M-G/B	1.5	7.5	15.0	7.1	8.0
HSC6050-2R2M-G/B	2.2	7.0	14.0	12.3	13.0
HSC6050-3R3M-G/B	3.3	6.0	12.0	14.5	16.0
HSC6050-4R7M-G/B	4.7	5.0	10.0	17.8	20.0
HSC6050-6R8M-G/B	6.8	4.0	8.0	24.7	30.0
HSC6050-8R2M-G/B	8.2	4.0	7.5	35.0	41.0
HSC6050-100M-G/B	10.0	3.5	6.5	39.0	45.0
HSC6050-150M-G/B	15.0	3.0	5.0	49.0	55.0
HSC6050-220M-G/B	22.0	2.5	4.5	78.0	85.0
HSC6050-330M-G/B	33.0	2.0	4.0	150.0	180.0
HSC6050-470M-G/B	47.0	1.5	3.5	200.0	230.0

*: you require another part number please contact with us.

** : Inductance Tolerance ± 20%

Note 1: All test data is referenced to 25°C ambient.

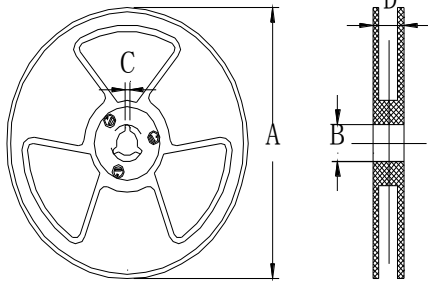
Note 2: I_{dc} : DC current (A) that will cause an approximate ΔT of 40°C

Note 3: I_{sat} : DC current (A) that will cause L₀ to drop approximately 30%

SMD POWER INDUCTORS:

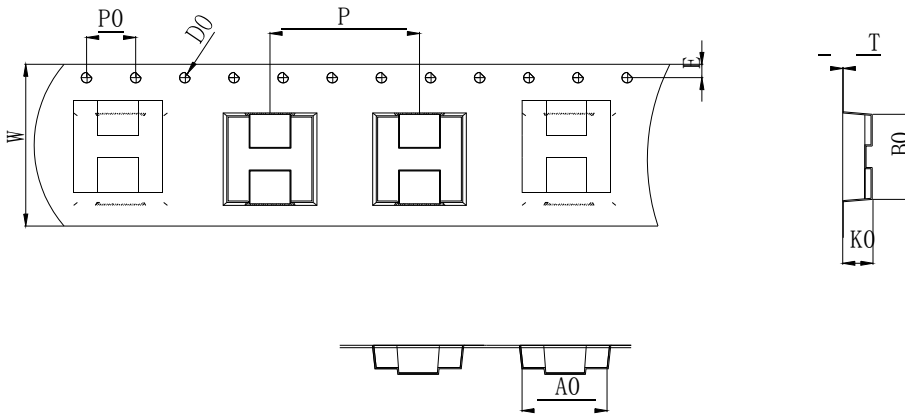
HSC-6050M Series

1. Reel Dimension



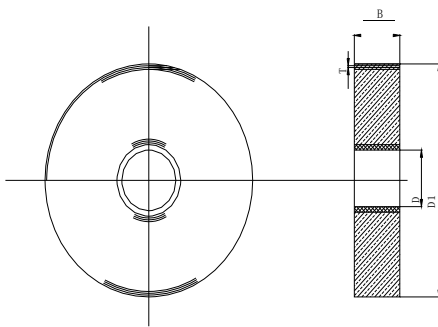
规格尺寸	13"
A	$\Phi 330 \pm 2.0\text{mm}$
B	$\Phi 76.5 \pm 2.0\text{mm}$
C	2.3mm
D	16mm (载带 $13.3 \pm 0.15\text{mm}$)

2. Tape Dimension



Size	W (mm)	A0 (mm)	B0 (mm)	D0 (mm)	E (mm)	K0 (mm)	P0 (mm)	P (mm)	T (mm)
6050	16.0 ± 0.3	6.8 ± 0.1	7.3 ± 0.1	1.5 ± 0.1	1.75 ± 0.1	5.0 ± 0.1	4.0 ± 0.1	12.0 ± 0.1	0.3 ± 0.05

3. Packaing Quantity



包装单位	包装尺寸	包装数量
1 盘	330*29mm	1000pcs
1 盒2 盘	34*6.5*34cm	2000pcs
1 箱2 盒	35.5*28.5*36.5cm	4000pcs