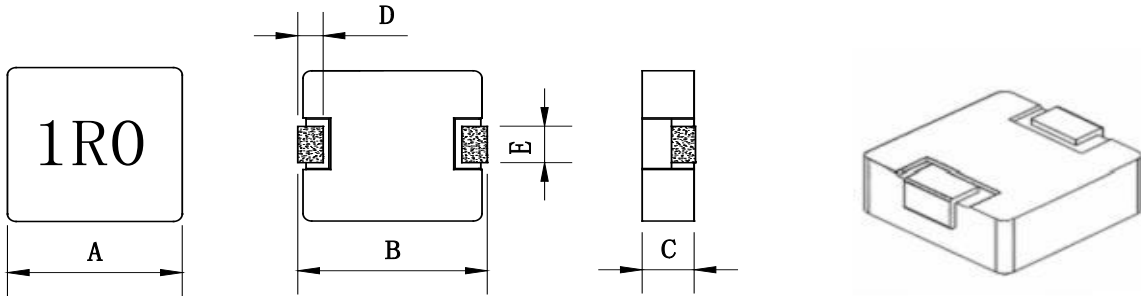


SMD POWER INDUCTORS:

HSC1050 Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HSC1050	10.3 ± 0.2	10.5 ± 1.0	5.0MAX	2.0 ± 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.
HSC1050-R82M-G/B	0.82	18.0	35.0	1.5	1.8
HSC1050-1R0M-G/B	1.0	16	32.0	2.1	2.5
HSC1050-1R2M-G/B	1.2	16	30.0	3.1	3.5
HSC1050-1R5M-G/B	1.5	14.0	27	3.6	4.1
HSC1050-2R2M-G/B	2.2	12.0	22	6.5	8.2
HSC1050-3R3M-G/B	3.3	10.0	19	9.2	10.8
HSC1050-4R7M-G/B	4.7	8	16	13.6	15
HSC1050-5R6M-G/B	5.6	7.5	15	18.4	20.0
HSC1050-6R8M-G/B	6.8	6.5	13	19.6	22.0
HSC1050-8R2M-G/B	8.2	6.0	12	21.9	25.0
HSC1050-100M-G/B	10.0	5.5	11	23.5	30.0
HSC1050-150M-G/B	15.0	4.5	9.0	48.0	55.0
HSC1050-220M-G/B	22.0	4	7.0	58.0	66.0
HSC1050-330M-G/B	33.0	3	6	89.0	105.0
HSC1050-470M-G/B	47.0	3.0	5.5	124.0	135.0
HSC1050-680M-G/B	68.0	1.5	3.0	171.0	190.0
HSC1050-101M-G/B	100.0	1.0	2.0	268	290.0

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

** : Inductance Tolerance ± 20%

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

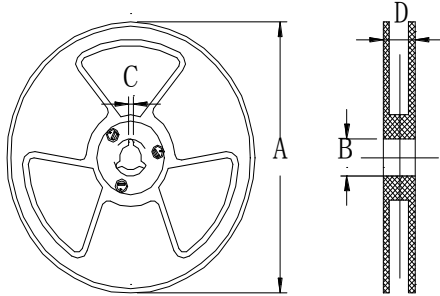
Note 2: I_{dc} : DC current (A) that will cause an approximate ΔT of 40°C

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

SMD POWER INDUCTORS:

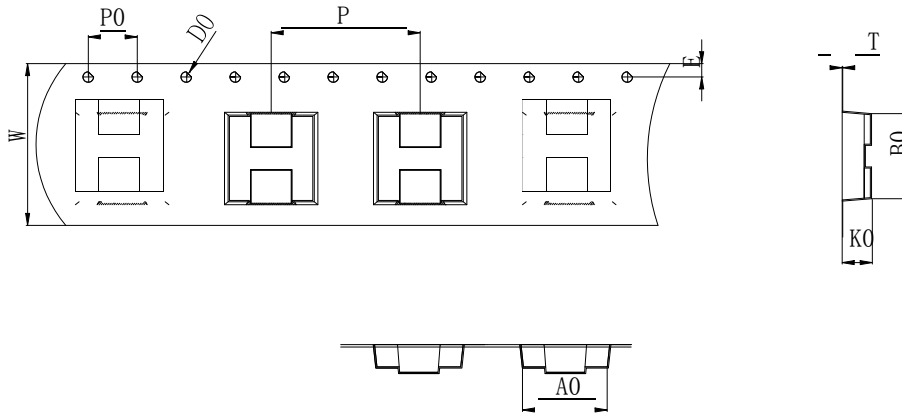
HSC-1050M Series

1. Reel Dimension



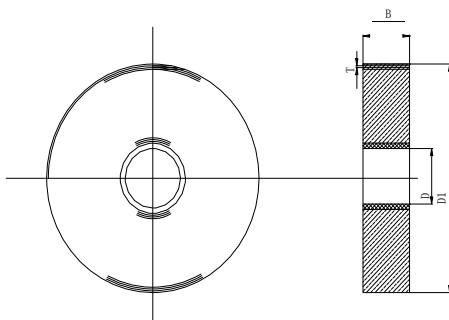
规格尺寸	13"
A	$\Phi 330 \pm 2.0$ (mm)
B	$\Phi 76.5 \pm 2.0$ mm
C	$\Phi 2.3$ mm
D	24.0 (载带 21.3 ± 0.15 mm)

2. Tape Dimension



Size	W (mm)	A0 (mm)	B0 (mm)	D0 (mm)	E (mm)	K0 (mm)	P0 (mm)	P (mm)	T (mm)
1050	24.0 ± 0.3	10.6 ± 0.1	11.6 ± 0.1	1.5 ± 0.1	1.75 ± 0.1	5.0 ± 0.1	4.0 ± 0.1	16.0 ± 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	800pcs
1 盒/2 盘	34*6.5*34cm	1600pcs
1 箱/2 盒	35.5*28.5*36.5cm	3200pcs