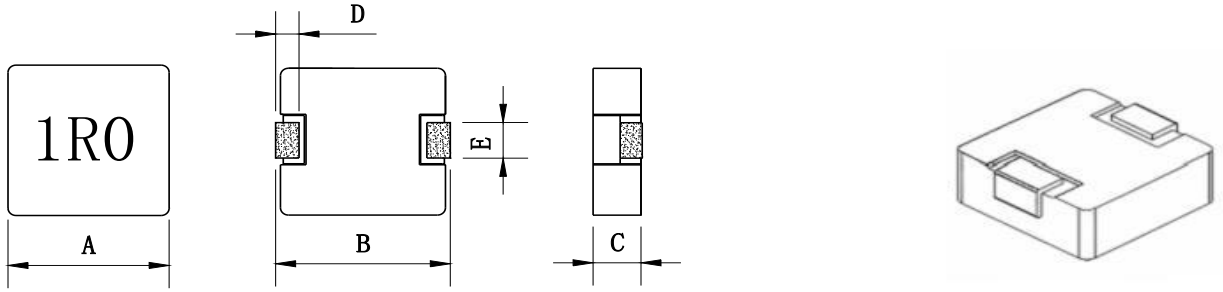


SMD POWER INDUCTORS: HSC4020 Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HSC4020	4.06 ± 0.30	4.45 ± 0.40	2.0MAX	1.1 ± 0.3	2.0 ± 0.2

Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
HSC4020-R10M-G/B	0.1	12.0	22.0	3.5	4.0
HSC4020-R22M-G/B	0.22	9.0	12.5	6.6	8.0
HSC4020-R36M-G/B	0.36	7.0	11.0	11.0	16.0
HSC4020-R47M-G/B	0.47	6.5	10.0	16.5	25.0
HSC4020-R56M-G/B	0.56	6.5	9.0	18.0	27.0
HSC4020-R68M-G/B	0.68	6.0	8.0	20.0	29.0
HSC4020-1R0M-G/B	1.0	5.0	7.0	28.0	37.0
HSC4020-1R2M-G/B	1.2	4.5	7.0	28.0	37.0
HSC4020-1R5M-G/B	1.5	4.0	6.5	38.0	46.0
HSC4020-2R2M-G/B	2.2	3.0	5.0	52.0	58.0
HSC4020-3R3M-G/B	3.3	2.5	4.5	74.0	87.0
HSC4020-4R7M-G/B	4.7	2.2	4.0	92.0	105.0
HSC4020-5R6M-G/B	5.6	2.0	3.5	121.0	138.0
HSC4020-6R8M-G/B	6.8	1.8	2.5	148.0	155.0
HSC4020-100M-G/B	10	1	2.0	260.0	260.0

** : Inductance Tolerance ± 20%

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

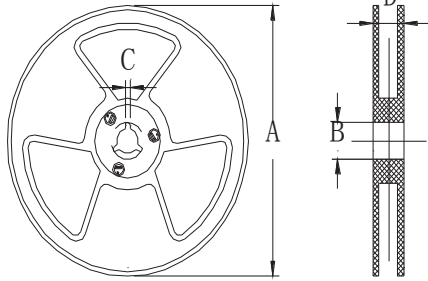
Note 2: Idc : DC current (A) that will cause an approximate ΔT of 40°C

Note 3: Isat : DC current (A) that will cause Lo to drop approximately 30%

SMD POWER INDUCTORS:

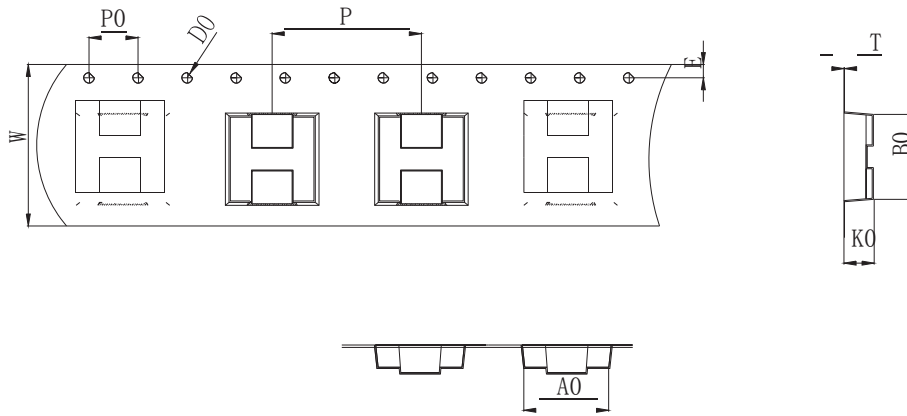
HSC-4020M Series

1. Reel Dimension



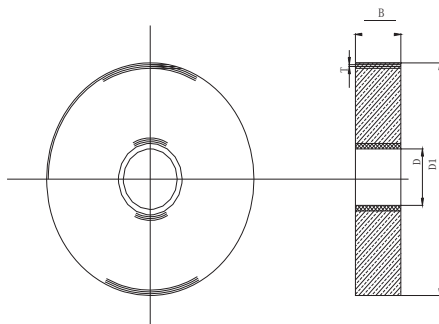
规格尺寸	13"
A	$\Phi 330 \pm 2.0\text{mm}$
B	$\Phi 76.5 \pm 2.0\text{mm}$
C	2.3mm
D	$12 \pm 0.2\text{mm}$ (载带 9.3mm)

2. Tape Dimension



Size	W (mm)	A0 (mm)	B0 (mm)	D0 (mm)	E (mm)	K0 (mm)	P0 (mm)	P (mm)	T (mm)
4020	12.0 ± 0.3	4.8 ± 0.1	4.8 ± 0.1	1.5 ± 0.1	1.75 ± 0.1	2.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	0.3 ± 0.05

3. Packaing Quantity



包装单位	包装尺寸	包装数量
1 盘	330*12.5mm	4000pcs
1 盒3 盘	34*6.5*34cm	12000pcs
1 箱2 盒	35.5*28.5*36.5cm	24000pcs