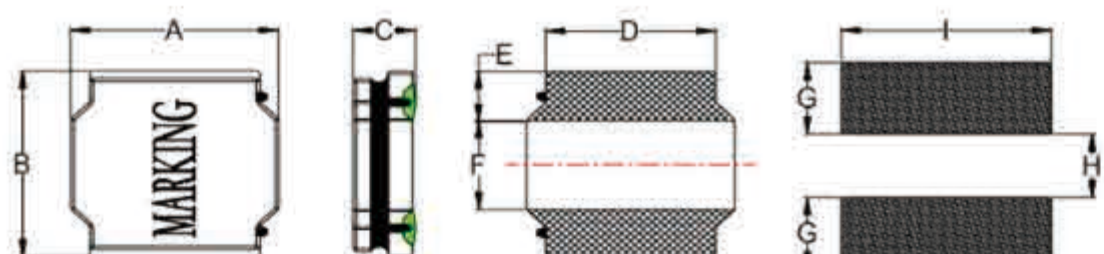


SMD POWER INDUCTORS: HL4030-R Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
HL4030-R	4.0 ± 0.2	4.0 ± 0.2	3.0 (MAX)	3.3 ± 0.2	1.0 ± 0.2	2.0 ± 0.2	3.7Ref	1.9 Ref	1.1 Ref

Part Number	Inductance	Tolerance	DCR (mΩ)	Isat (A)	Irms (A)	Test
	(μH)	(±%)	±30%			Condition
HL4030-R47N-R	0.47	30	11	6.5	3.5	100KHz /0.25V
HL4030-1R0N-R	1	30	15	6.5	3.5	100KHz /0.25V
HL4030-1R5N-R	1.5	30	25	3.35	2.34	100KHz /0.25V
HL4030-2R2M-R	2.2	20	35	2.7	2	100KHz /0.25V
HL4030-3R3M-R	3.3	20	40	2.45	1.9	100KHz /0.25V
HL4030-4R7M-R	4.7	20	60	1.7	1.7	100KHz /0.25V
HL4030-5R6M-R	5.6	20	70	1.6	1.5	100KHz /0.25V
HL4030-6R8M-R	6.8	20	75	1.45	1.3	100KHz /0.25V
HL4030-100M-R	10	20	115	1.3	1.1	100KHz /0.25V
HL4030-120M-R	12	20	140	1.15	0.95	100KHz /0.25V
HL4030-150M-R	15	20	190	0.94	0.92	100KHz /0.25V
HL4030-220M-R	22	20	225	0.8	0.8	100KHz /0.25V
HL4030-330M-R	33	20	330	0.65	0.6	100KHz /0.25V
HL4030-470M-R	47	20	500	0.57	0.5	100KHz /0.25V
HL4030-560M-R	56	20	560	0.57	0.5	100KHz /0.25V
HL4030-680M-R	68	20	750	0.57	0.5	100KHz /0.25V
HL4030-820M-R	82	20	950	0.57	0.5	100KHz /0.25V
HL4030-101M-R	101	20	1150	0.57	0.5	100KHz /0.25V
HL4030-151M-R	151	20	2350	0.57	0.5	100KHz /0.25V
HL4030-331M-R	330	20	3900	0.13	0.11	100KHz /0.25V

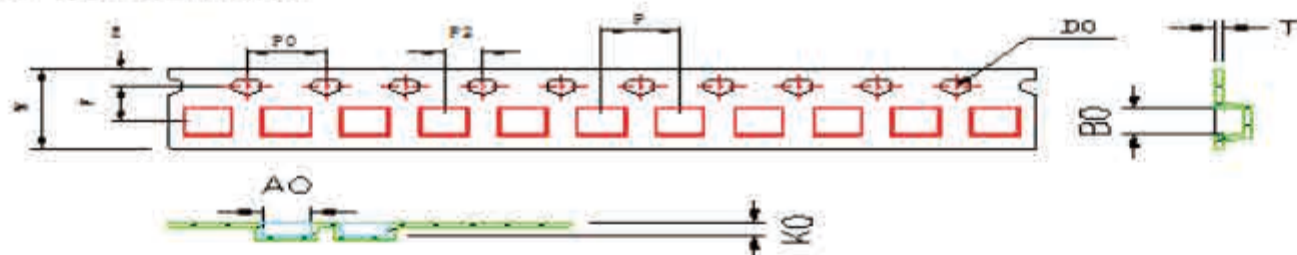
NOTES:

- All test data is referenced to 25°C ambient
- Operating Temperature Range -40°C to +125°C
- Irms : DC current (A) that will cause an approximate ΔT of 40°C
- Isat : DC current (A) that will cause Lo to drop approximately 30%

SMD POWER INDUCTORS: HL4030-R Series

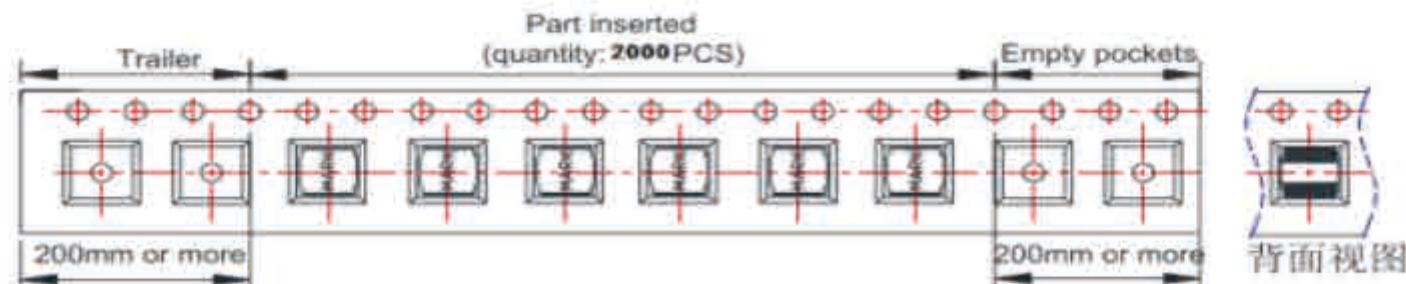
Packaging Information (包装信息)

1. Carrier Tape Dimensions:



ITEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	12.00	4.5	4.5	3.2	8.00	5.5	1.75	1.50	4.00	2.00	0.3
TOLE	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	+0.1	±0.1	±0.1	±0.05

2. Reel Dimensions:



3. PACKAGE SPECIFICATION:

2KPCS/ Reel 32KPCS/ Outer Box