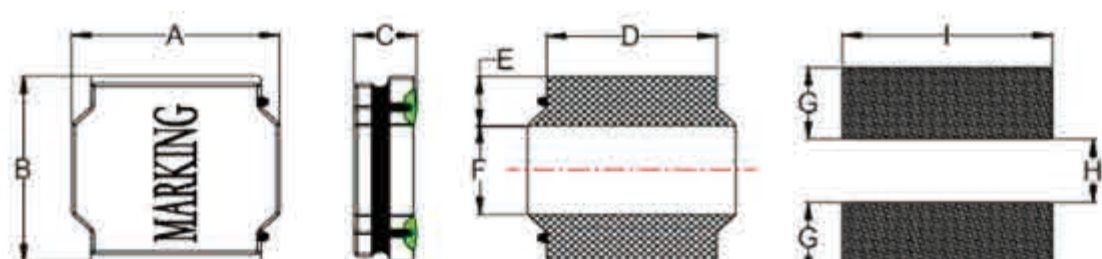


SMD POWER INDUCTORS:

HL6028-R Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
HL6028-R	6.0 ± 0.3	6.0 ± 0.3	2.8 (MAX)	4.9 ± 0.3	1.55 ± 0.2	2.9 ± 0.2	1.7	2.8	5.7

Part Number	Inductance	Tolerance	DCR (mΩ)	Isat (A)	I _{rms} (A)	Test
	(μH)	(±%)	±30%			Condition
HL6028-1R0N-R	1	30	12	6.7	4.6	100KHz / 0.25V
HL6028-1R5N-R	1.5	30	16	6	4.3	100KHz / 0.25V
HL6028-2R2N-R	2.2	30	20	5.1	3.75	100KHz / 0.25V
HL6028-3R3N-R	3.3	30	25	3.63	3.4	100KHz / 0.25V
HL6028-4R7N-R	4.7	30	33	3	3	100KHz / 0.25V
HL6028-5R6N-R	5.6	30	45	2.8	2.45	100KHz / 0.25V
HL6028-6R8M-R	6.8	20	56	2.6	2.4	100KHz / 0.25V
HL6028-8R2M-R	8.2	20	68	2.4	2.25	100KHz / 0.25V
HL6028-100M-R	100	20	78	2.05	1.9	100KHz / 0.25V
HL6028-120M-R	12	20	88	1.75	1.5	100KHz / 0.25V
HL6028-150M-R	15	20	125	1.5	1.2	100KHz / 0.25V
HL6028-180M-R	18	20	130	1.45	1.4	100KHz / 0.25V
HL6028-220M-R	22	20	140	1.25	1.0	100KHz / 0.25V
HL6028-270M-R	27	20	180	1.4	1.3	100KHz / 0.25V
HL6028-330M-R	33	20	220	1.35	1.1	100KHz / 0.25V
HL6028-470M-R	47	20	280	1.15	1.05	100KHz / 0.25V
HL6028-680M-R	68	20	420	0.95	0.85	100KHz / 0.25V
HL6028-820M-R	82	20	550	0.8	0.7	100KHz / 0.25V
HL6028-101M-R	100	20	670	0.65	0.6	100KHz / 0.25V
HL6028-121M-R	120	20	820	0.62	0.58	100KHz / 0.25V

NOTES:

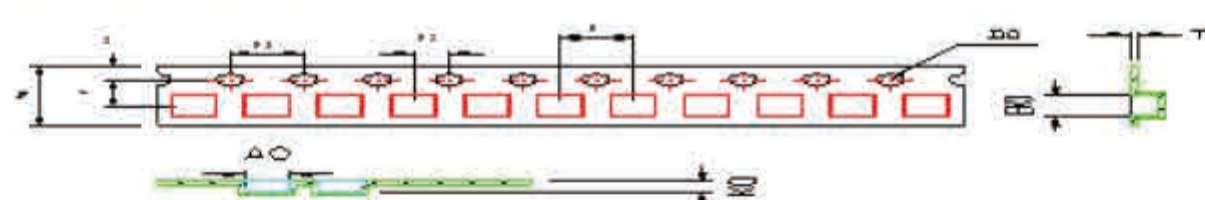
- All test data is referenced to 25°C ambient
- Operating Temperature Range -40°C to +125°C
- I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
- I_{sat} : DC current (A) that will cause L_o to drop approximately 30%

SMD POWER INDUCTORS:

HL6028-R Series

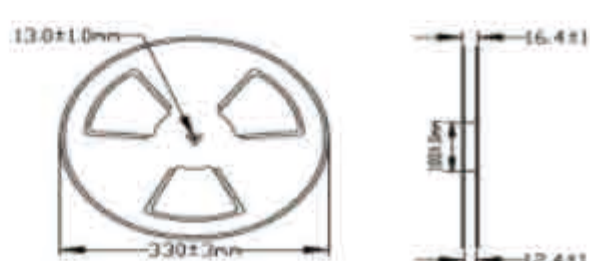
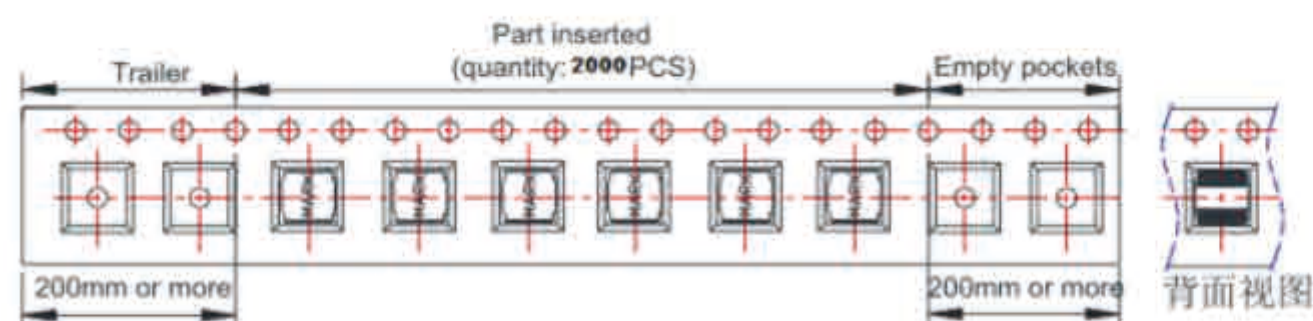
Packaging Information (包装信息)

1. Carrier Tape Dimensions:



ITEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	12.00	6.4	6.3	3.15	8.00	5.5	1.75	1.50	4.00	2.00	0.35
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:

2.0KPCS/ Reel 32KPCS/ Outer Box