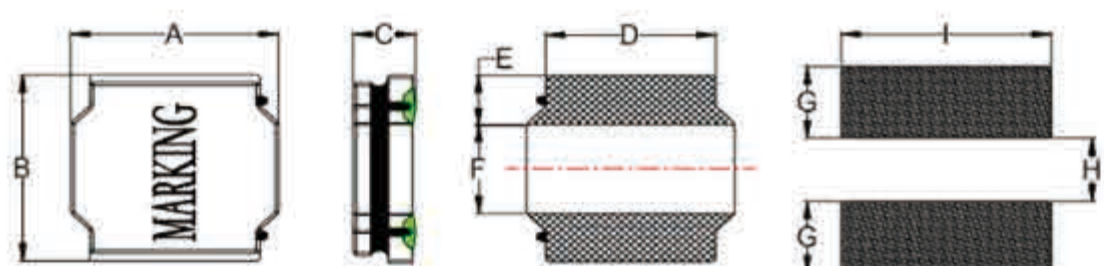


SMD POWER INDUCTORS: HL4018-R Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
HL4018-R	4.0 ± 0.2	4.0 ± 0.2	1.85 (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
HL4018-R56N-R	0.56	30	18	6.5	3.5	100KHz/0.25V
HL4018-1R5N-R	1.5	30	33	3.35	2.34	100KHz/0.25V
HL4018-2R2M-R	2.2	20	44	2.7	2	100KHz/0.25V
HL4018-3R3M-R	3.3	20	70	2.45	1.9	100KHz/0.25V
HL4018-4R7M-R	4.7	20	90	1.7	1.7	100KHz/0.25V
HL4018-5R6M-R	5.6	20	103	1.6	1.5	100KHz/0.25V
HL4018-6R8M-R	6.8	20	124	1.45	1.3	100KHz/0.25V
HL4018-100M-R	10	20	200	1.3	1.1	100KHz/0.25V
HL4018-120M-R	12	20	230	1.15	0.95	100KHz/0.25V
HL4018-150M-R	15	20	268	0.94	0.92	100KHz/0.25V
HL4018-220M-R	22	20	390	0.8	0.8	100KHz/0.25V
HL4018-330M-R	33	20	560	0.65	0.6	100KHz/0.25V
HL4018-470M-R	47	20	850	0.57	0.5	100KHz/0.25V

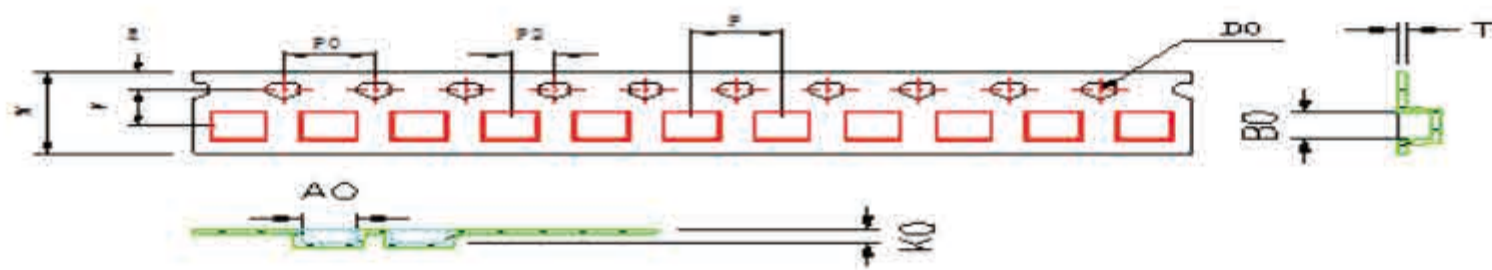
NOTES:

- 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: HL4018-R Series

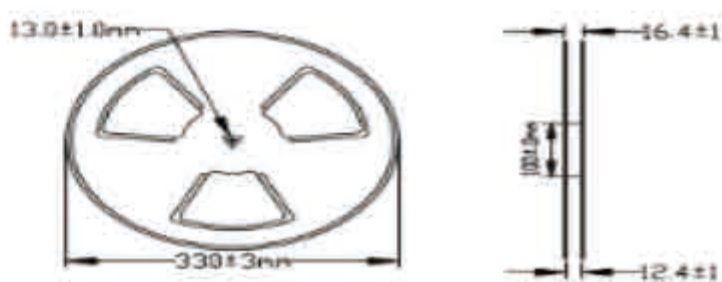
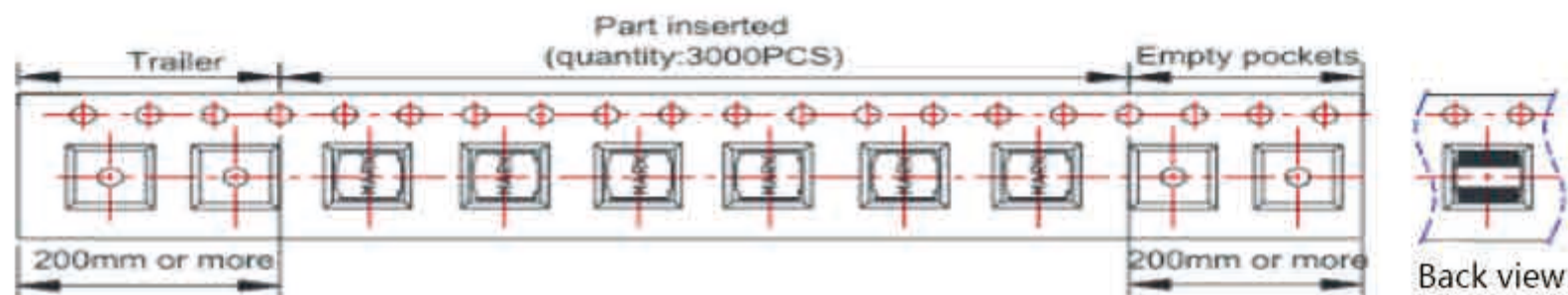
Packaging Information (包装信息)

1. Carrier Tape Dimensions:



ITEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	12.00	4.35	4.35	1.95	8.00	5.5	1.75	1.50	4.00	2.00	0.25
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:

3KPCS/ Reel 48KPCS/ Outer Box