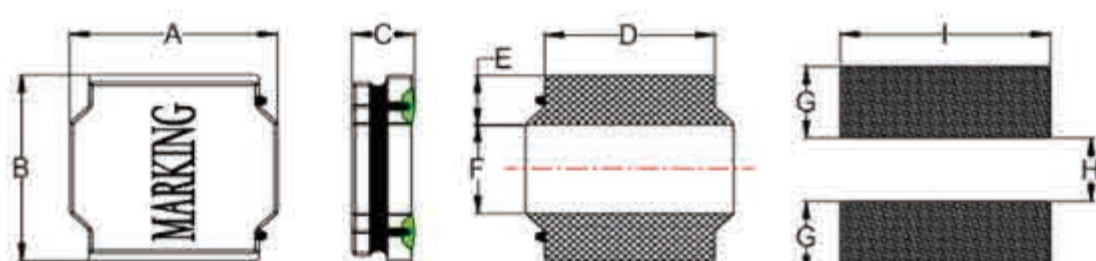


SMD POWER INDUCTORS:

HL5040-R Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
HL5040-R	5.0 ± 0.3	5.0 ± 0.3	4.0 (MAX)	4.0 ± 0.3	1.35 ± 0.2	2.3 ± 0.2	4.2	2.3	1.4

Part Number	Inductance	Tolerance	DCR (mΩ)	Isat (A)	Irms (A)	Test
	(μH)	(±%)	±30%			Condition
HL5040-1R0M-R	1	30	13	7.35	4.9	100KHz/0.25V
HL5040-1R5M-R	1.5	30	15	6.3	4.3	100KHz/0.25V
HL5040-2R2M-R	2.2	30	19	4.3	3.6	100KHz/0.25V
HL5040-2R7M-R	2.7	30	22	3.85	2.9	100KHz/0.25V
HL5040-3R3M-R	3.3	30	24	3.95	3.4	100KHz/0.25V
HL5040-3R9M-R	3.9	30	27	3.55	3.2	100KHz/0.25V
HL5040-4R7M-R	4.7	20	30	3.5	3	100KHz/0.25V
HL5040-5R6M-R	5.6	20	33	3.2	2.8	100KHz/0.25V
HL5040-6R8M-R	6.8	20	43	2.9	2.5	100KHz/0.25V
HL5040-100M-R	10	20	64	2.35	2.1	100KHz/0.25V
HL5040-150M-R	15	20	86	2	2	100KHz/0.25V
HL5040-220M-R	22	20	129	1.6	1.5	100KHz/0.25V
HL5040-330M-R	33	20	188	1.3	1.2	100KHz/0.25V
HL5040-470M-R	47	20	270	1.1	1	100KHz/0.25V
HL5040-680M-R	68	20	400	0.9	0.8	100KHz/0.25V
HL5040-101M-R	100	20	560	0.75	0.7	100KHz/0.25V

NOTES:

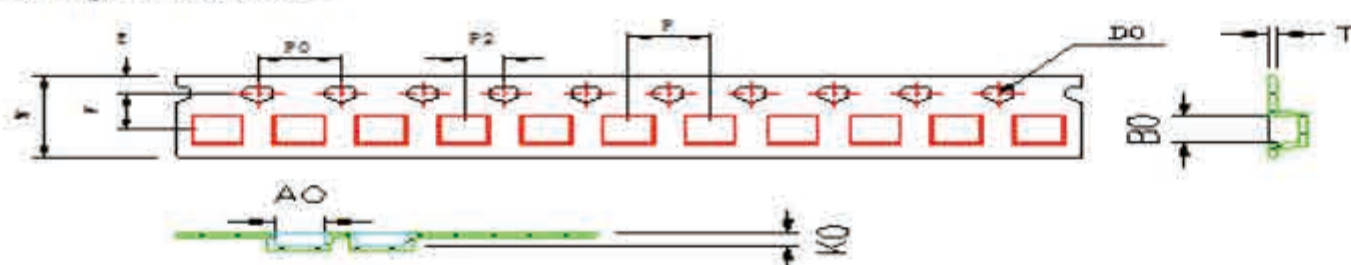
- All test data is referenced to 25°C ambient
- Operating Temperature Range -40°C to +125°C
- Irms : DC current (A) that will cause an approximate ΔT of 40°C
- Isat : DC current (A) that will cause Lo to drop approximately 30%

SMD POWER INDUCTORS:

HL5040-R Series

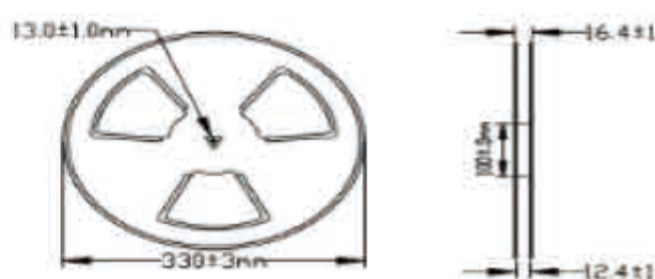
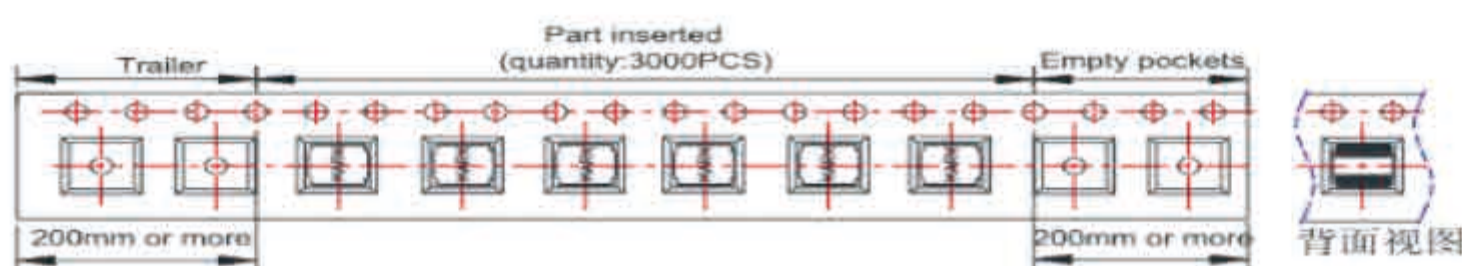
Packaging Information (包装信息)

1. Carrier Tape Dimensions:



ITEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	12.00	5.3	5.3	4.3	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:

1.5KPCS/ Reel 24KPCS/ Outer Box