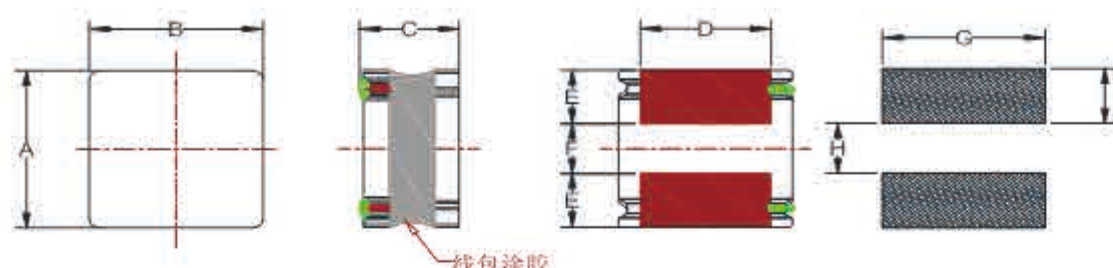


SMD POWER INDUCTORS:

HL252012-R Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
HL252012-R	2.5 ± 0.2	2.0 ± 0.2	1.2 ± 0.2	1.5 ± 0.2	0.80 ± 0.2	0.80 ± 0.2	2	0.8	0.85

Part Number	Inductance	Tolerance	DCR (mΩ)	Isat (A)	I _{rms} (A)	Test
	(μH)	(±%)	±30%			Condition
HL252012-R24N-R	0.24	30	56	2.7	1.7	100KHz / 0.25V
HL252012-R68N-R	0.68	30	73	2.7	1.6	100KHz / 0.25V
HL252012-1R0N-R	1	30	85	2.68	1.5	100KHz / 0.25V
HL252012-1R5M-R	1.5	20	113	2.8	1.4	100KHz / 0.25V
HL252012-2R2M-R	2.2	20	165	1.85	1.15	100KHz / 0.25V
HL252012-3R3M-R	3.3	20	200	1.61	1.04	100KHz / 0.25V
HL252012-4R7M-R	4.7	20	315	1.4	0.84	100KHz / 0.25V
HL252012-5R6M-R	5.6	20	330	1.1	0.73	100KHz / 0.25V
HL252012-6R8M-R	6.8	20	460	0.98	0.69	100KHz / 0.25V
HL252012-8R2M-R	8.2	20	506	0.98	0.65	100KHz / 0.25V
HL252012-100M-R	10	20	575	0.88	0.62	100KHz / 0.25V
HL252012-150M-R	15	20	900	0.62	0.4	100KHz / 0.25V

NOTES:

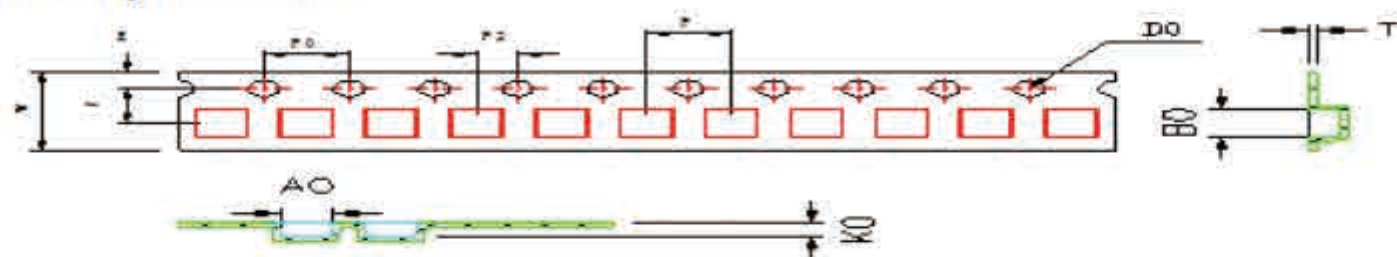
- All test data is referenced to 25°C ambient
- Operating Temperature Range -40°C to +125°C
- I_{rms} : DC current (A) that will cause an approximate ΔT of 40°C
- Isat : DC current (A) that will cause L_o to drop approximately 30%

SMD POWER INDUCTORS:

HL252010-R Series

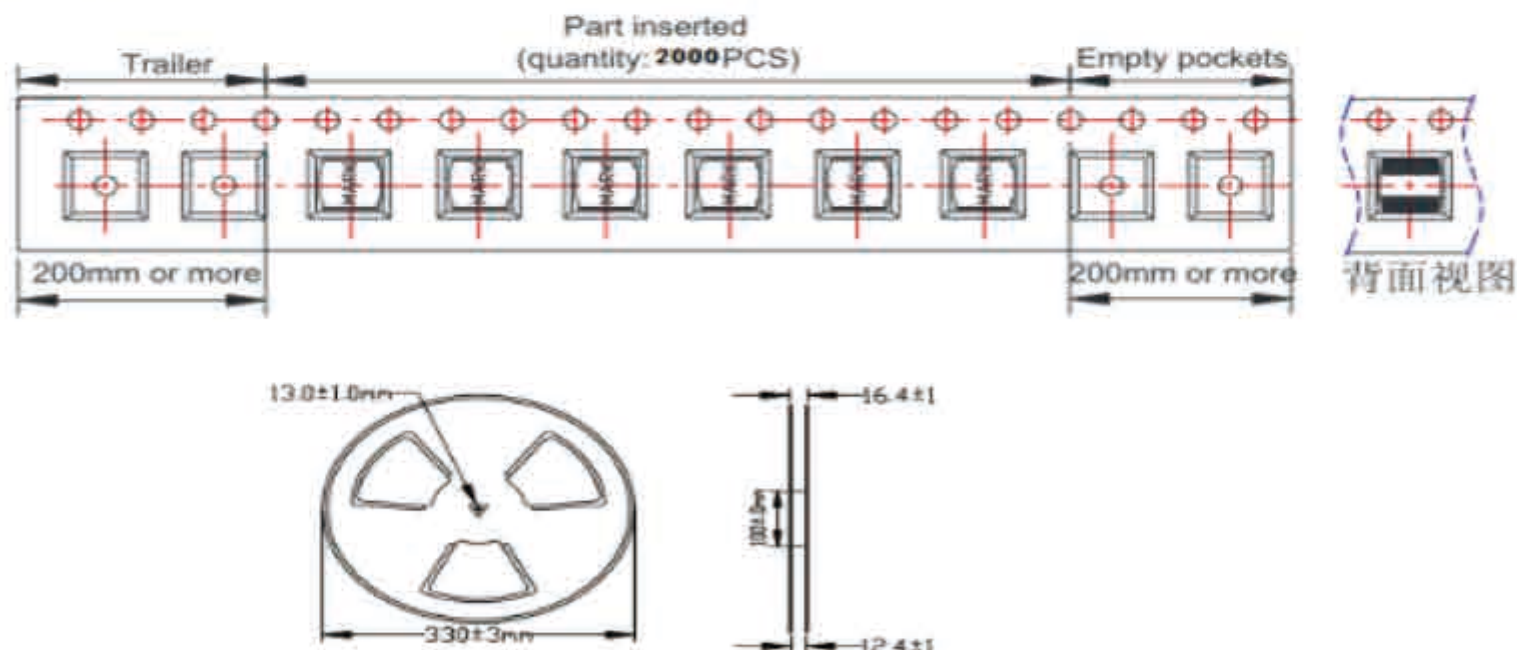
Pa 1 (白)

1. Carrier Tape Dimensions:



ITEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	8.00	2.35	2.65	1.4	4.00	3.5	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:

2KPCS/ Reel 64KPCS/ Outer Box