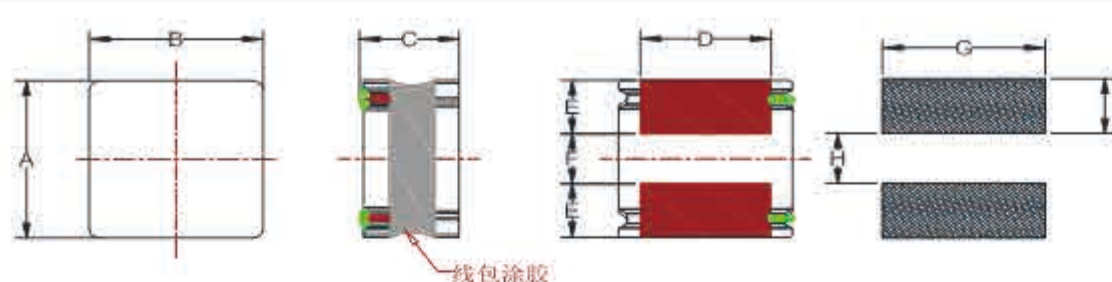


## SMD POWER INDUCTORS: HL252010-R Series



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
HL252010-R	2.5 ± 0.2	2.0 ± 0.2	1.05Max	1.5 ± 0.2	0.80 ± 0.2	0.80 ± 0.2	2	0.8	0.85

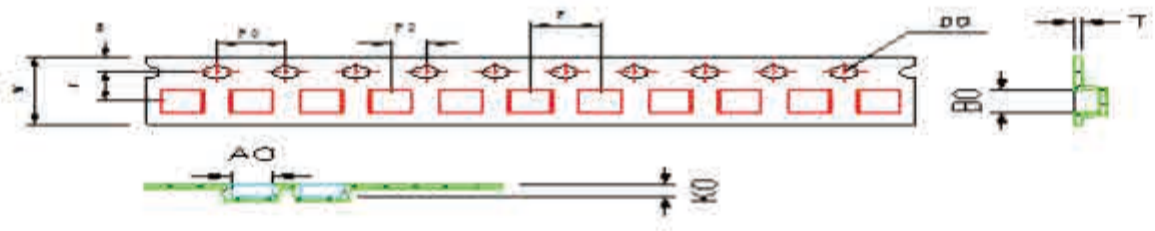
Part Number	Inductance	Tolerance	DCR	Isat (A)	Irms (A)	Test
	( $\mu$ H)	(±%)	MAX ( $\Omega$ )			Condition
HL252010-R47N-R	0.47	30	0.056	2.5	2.35	1MHz/0.25V
HL252010-R68N-R	0.68	30	0.074	2.2	2	1MHz/0.25V
HL252010-1R0N-R	1	30	0.108	1.85	1.65	1MHz/0.25V
HL252010-1R5M-R	1.5	20	0.182	1.8	1.3	1MHz/0.25V
HL252010-2R2M-R	2.2	20	0.209	1.2	1.2	1MHz/0.25V
HL252010-3R3M-R	3.3	20	0.328	1.05	0.9	1MHz/0.25V
HL252010-4R7M-R	4.7	20	0.563	0.95	0.7	1MHz/0.25V
HL252010-6R8M-R	6.8	20	0.896	0.78	0.59	1MHz/0.25V
HL252010-100M-R	10	20	1.092	0.65	0.5	1MHz/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  $\Delta T$  of 40°C
  - Isat : DC current (A) that will cause Lo to drop approximately 30%

## SMD POWER INDUCTORS: HL252010-R Series

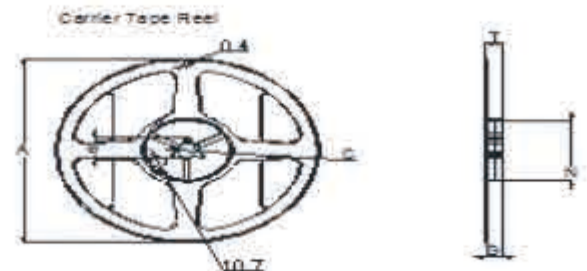
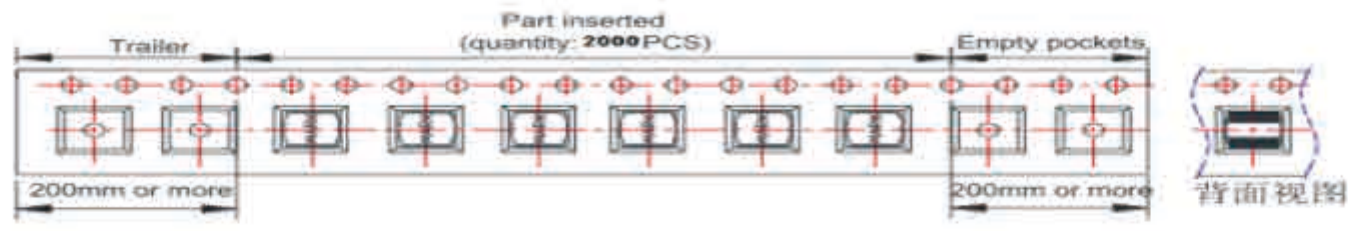
### Packaging Information (包装信息)

#### 1. Carrier Tape Dimensions:



ITEM	W	A0	B0	K0	P	F	E	D0	P0	P2	T
DIM	8.00	2.35	2.65	1.2	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:



Type	A	B	C	G	N	T
8mm	178	20.7±0.8	13±0.4	9	60	10.8

#### 3. PACKAGE SPECIFICATION:

2KPCS/ Reel      80KPCS/ Outer Box