

SMD POWER INDUCTOR

CND-tek

磁联达



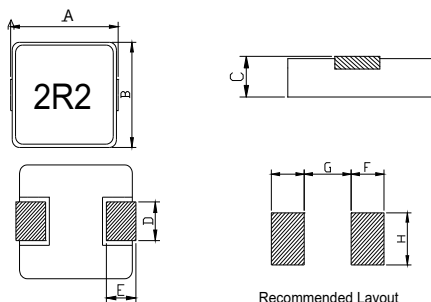
All test data is referenced to 25°C ambient.
 Inductance measure condition at 100kHz, 1.0V.
 Rated current: Isat or Irms, whichever is smaller.
 Saturation current(Isat): the actual value of DC current when the inductance decrease approximately 30% of its initial value.

Temperature rise current(Irms):the actual value of DC current when the temperature rise is $\Delta T \leq 40^\circ\text{C}$ ($T_a = 25^\circ\text{C}$). Operating temperature range: $-40^\circ\text{C} \sim +125^\circ\text{C}$ (Including self-heating).
 Storage temperature range: $-55^\circ\text{C} \sim +125^\circ\text{C}$ (on board)

Electrical Specifications@25°C

Part Number	Impedance (uH)	DC Resistance (mΩ) max.	Saturation current (Isat)	Temperature rise current (Irms)
			(A)Typ.	(A)Typ.
CS1004C-2R2M-R	2.2±20%	7.0	27.0	12.0

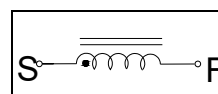
MECHANICAL



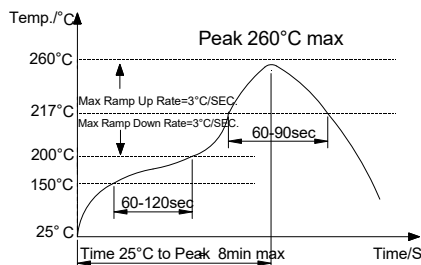
Electrode Coplanarity: 0.1mm Max.

POSITION	A	B	C	D	E	F	G	H
DIMENSION	11.6 Max	10.2±0.3	4.0Max.	3.0±0.3	2.5±0.5	4.1	5.4	4.1

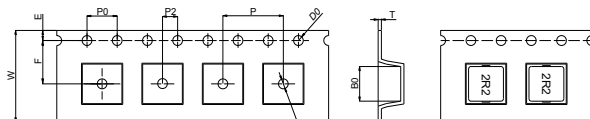
SCHEMATICS



MECHANICAL PERFORMANCE TEST

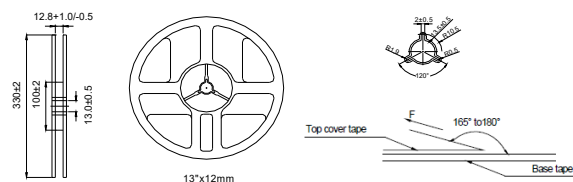


TAPING AND PACKING



ITEM	W	A0	B0	K0	K1	P	F	E	D0	D1	P0	P2	T
DIM	24.0 +0.3 -0.3	10.4 +0.1 -0.1	11.6 +0.1 -0.1	4.3 +0.1 -0.1	0.00 +0.0 -0.0	16.0 +0.1 -0.1	11.5 +0.1 -0.1	1.75 +0.1 -0.1	1.50 +0.0 -0.1	1.50 +0.1 -0.0	4.00 +0.1 -0.1	2.00 +0.1 -0.1	0.40 +0.1 -0.1

Reel



Dimensions in mm

Quantity (pcs):
 500 PCS PER REEL
 2REELS PER CARTON
 1000PCS PER CARTON

Shenzhen magnetic Lianda Electronics Co., LTD

Address: 505, West Block, No. 221, Niucheng Road, Niucheng Village, Baiwang Community, Xili Street, Nanshan District, Shenzhen Tel:0755-27652992 29016433 E-mail: sales1@cd-tek.com Website:www.cd-tek.com