

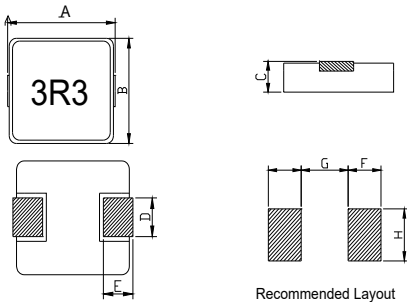
All test data is referenced to 25°C ambient.
 Inductance measure condition at 100kHz, 1.0V.
 Rated current(Isat or Irms, whichever is smaller).
 Saturation current(Isat): the actual value of DC current when the inductance decrease approximately 30% of its initial value.
 Temperature rise current(Irms): 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: $-40^\circ\text{C} \sim +125^\circ\text{C}$ (on board)



9YMFJMGdVWjcbg4 8) S7

Part Number	Impedance (uH)	DC Resistance (mΩ) max.	Saturation current (Isat)	Temperature rise current (Irms)
			(A)Typ.	(A)Typ.
1305A-3R3M H	3.3±20%	9.5	22.0	12.0

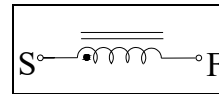
MECHANICAL



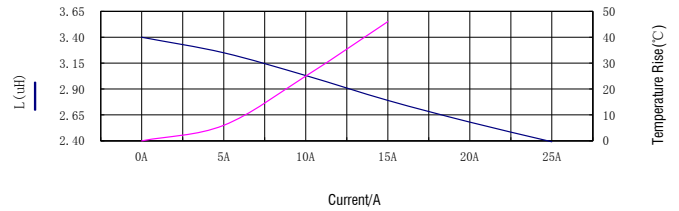
Electrode Coplanarity: 0.1mm Max.

POSITION	A	B	C	D	E	F	G	H
DIMENSION	13.8MAX	12.8±0.3	5.0Max	3.2±0.3	2.5±0.5	3.25	8.0	5.5

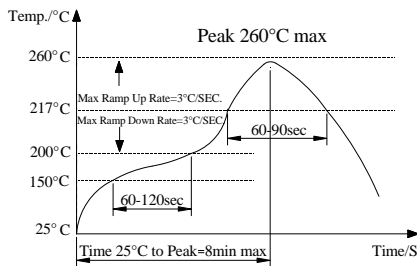
SCHEMATICS



CURRENT CHARACTERISTIC



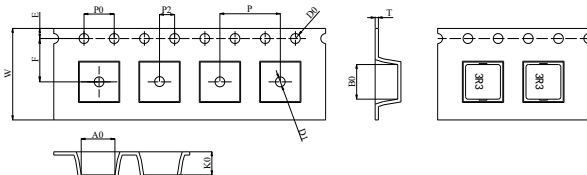
MECHANICAL PERFORMANCE TEST



CURRENT CHARACTERISTIC

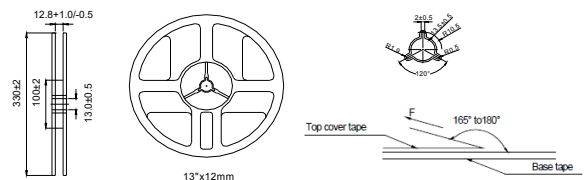
L/uH	3.40	3.25	3.03	2.79	2.58	2.39
TR/°C	0	6	25	46		
Current/A	0A	5.0A	10.0A	15.0A	20.0A	25.0A

TAPING AND PACKING



ITEM	W	A0	B0	K0	P	F	E	D0	D1	P0	P2	T
DIM	24.00 +0.3 -0.3	12.9 +0.1 -0.1	14.1 +0.1 -0.1	5.4 +0.1 -0.1	16.0 +0.1 -0.1	11.5 +0.1 -0.1	1.75 +0.1 -0.1	1.50 +0.1 -0.0	1.50 +0.1 -0.0	4.00 +0.1 -0.1	2.00 +0.1 -0.1	0.40 +0.05 -0.05

Reel



Dimensions in mm

EI Lb)jmmVg:-
 4SS D7G D9F F 99P
 2 F 99K6 D9F 75F HCB
 8SS D7G D9F 75F HCB

G\Ybn\Yb a U[bYj]W@LbXU 9YMFjcbjg 7c'z @H'

5XXfYgg) \$) Zk Ygh6 cWz Bc' &8z B] VYyb[FcUzBj] WYyb[J] U[Yz6Ujk Lb[7ca a i b]nz L] GfYzB LbUg Lb 8]gYfMz G\Ybn\Yb ' HY.\$+)!&+*)&-&-\$%(' '9a Uj. gUYg%4 WdHY_Vta 'K VYg]Y.k k k WdHY_Vta