



深圳市佑驰电子有限公司

Specification for Approval

产品名称: 大电流扁线电感

规格型号: HCZC-2915系列

产品编号: YC-2023042102

日 期: 2023-04-21

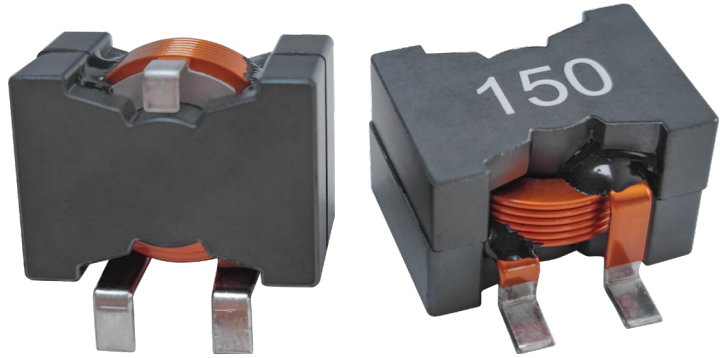
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- 2、本承认书在送达客户后，请给予承认并即签回，如无签回下订单的，我司有权以此承认书标准生产，并表示购买方默认许可。

核准	审核	制作
	Aaron	Ada

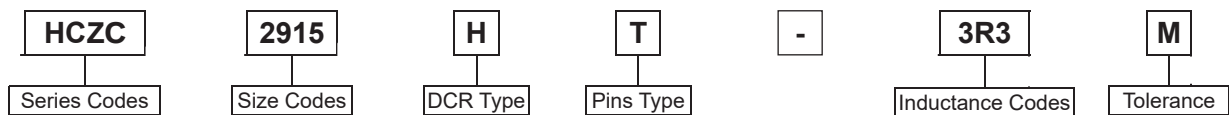
HCZC-2915 SERIES

Product description:

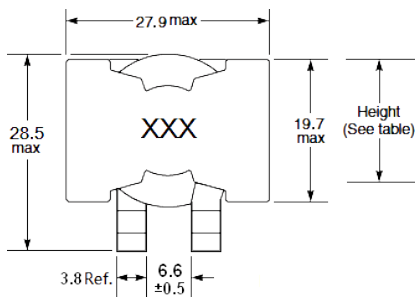
- Perfect for high current.
- Extremely low DCR.
- Low voltage power supply applications.
- High power DC power supply.
- Operating temperature: $-25^{\circ}\text{C} \sim 125^{\circ}\text{C}$.
- Placement form is SMD.



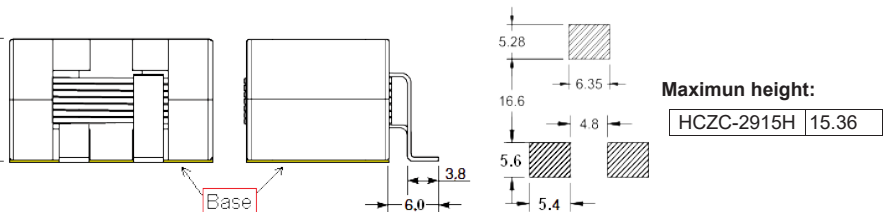
Explanation of part numbers:



Boundary dimension:



Recommended Land Pattern:



Maximun height:

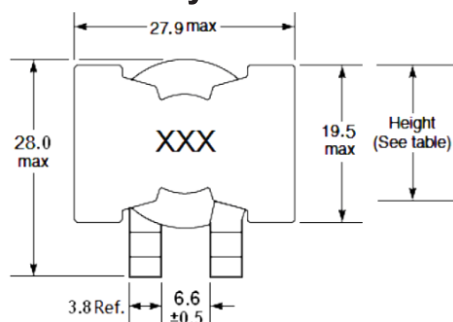
HCZC-2915H 15.36

Electrical characteristics:

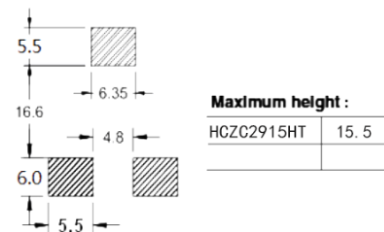
Test condition: at 25°C 100KHz/0.1V

PART NO.	L(0A)(μH)	DCR(m Ω)		SRF(MHz)TY PE	Isat(A)		Irms(A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
HCZC-2915H-1R5-M	1.5 $\pm$ 20%	1.58	1.8	50	>100	>100	30
HCZC-2915H-2R2-M	2.2 $\pm$ 20%	1.58	1.8	40	>100	>100	30
HCZC-2915H-3R3-M	3.3 $\pm$ 20%	1.58	1.8	30	66.9	68.4	30
HCZC-2915H-4R7-M	4.7 $\pm$ 20%	1.58	1.8	25	48.0	50.1	30
HCZC-2915H-6R8-M	6.8 $\pm$ 20%	1.58	1.8	20	34.5	36.2	30
HCZC-2915H-100-M	10 $\pm$ 20%	1.58	1.8	15	21.5	23.4	30

Boundary dimension:



Recommended Land Pattern:



Maximum height :

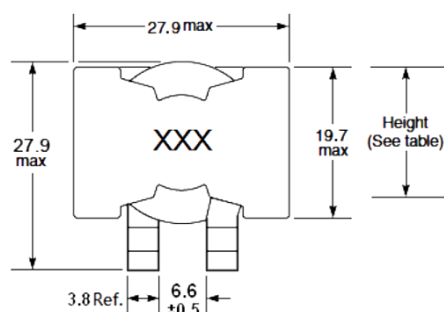
HCZC2915HT 15.5

Electrical characteristics:

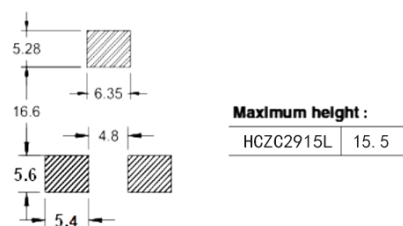
Test condition: at 25 °C 100KHz/0.1V

PART NO.	L(0A)(μH)±20%	DCR(mΩ)		SRF(MHz)TY	Isat(A)		Irms(A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
HCZC-2915HT-1R5-M	1.5	1.58	1.8	50	>100	>100	30
HCZC-2915HT-2R2-M	2.2	1.58	1.8	40	>100	>100	30
HCZC-2915HT-3R3-M	3.3	1.58	1.8	30	66.9	68.4	30
HCZC-2915HT-4R7-M	4.7	1.58	1.8	25	48.0	50.1	30
HCZC-2915HT-6R8-M	6.8	1.58	1.8	20	34.5	36.2	30
HCZC-2915HT-100-M	10.0	1.58	1.8	15	21.5	23.4	30
HCZC-2915HT-150-M	15.0	1.65	1.8	10	15.2	17.2	30

Boundary dimension:



Recommended Land Pattern:



Maximum height :

HCZC2915L 15.5

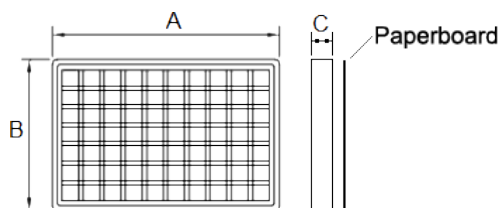
Electrical characteristics:

Test condition: at 25 °C 100KHz/0.1V

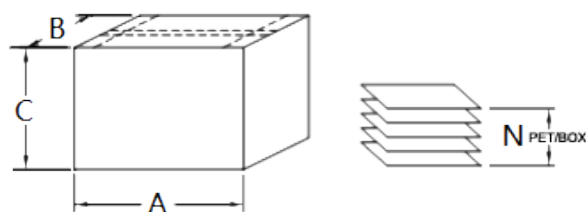
PART NO.	L(0A)(μH)±20%	DCR(mΩ)		SRF(MHz)TY	Isat(A)		Irms(A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
HCZC-2915L-1R5-M	1.5	1.5	1.65	60	>100	>100	30
HCZC-2915L-2R2-M	2.2	1.5	1.65	50	84.0	84.8	30
HCZC-2915L-3R3-M	3.3	1.5	1.65	40	54.0	57.0	30
HCZC-2915L-4R7-M	4.7	1.5	1.65	30	36.9	39.0	30
HCZC-2915L-6R8-M	6.8	1.5	1.65	25	26.0	27.8	30
HCZC-2915L-100-M	10.0	1.5	1.65	20	16.2	17.6	30
HCZC-2915L-150-M	15.0	1.5	1.65	15	9.8	11.0	30
HCZC-2915L-220-M	22.0	1.5	1.65	10	6.0	6.8	30
HCZC-2915L-330-M	33.0	1.5	1.65	7	2.6	3.3	30

Packing Information:

1. PET plate specification: 322*202*24mm
35pcs/PET Box



2. Outer box specification: 340*215*220mm,
8 PET plate in one box



HCZCies Name and Note	Plastic Plate(mm)	Outer Box(mm)
HCZC-2915H(带底板)	35pcs/PET Box	280pcs/Box
HCZC-2915HT(带假脚)	35pcs/PET Box	280pcs/Box
HCZC-2915L	35pcs/PET Box	280pcs/Box