



深圳市佑驰电子有限公司

Specification for Approval

产品名称: 大电流电感

规格型号: HCZC-2918

产品编号: YC-2023081501

日 期: 2023-08-15

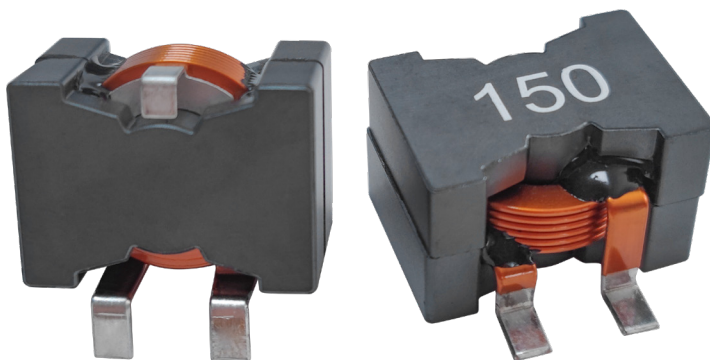
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核准	审核	制作
	Aaron	Ada

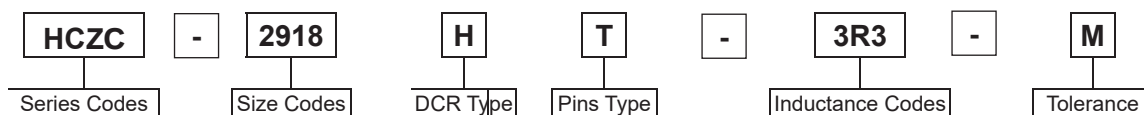
HCZC-2918 SERIES

Product description:

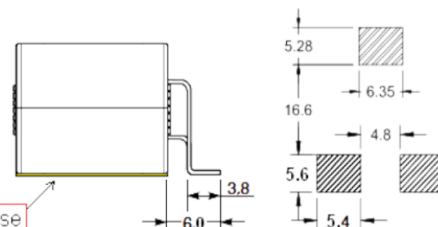
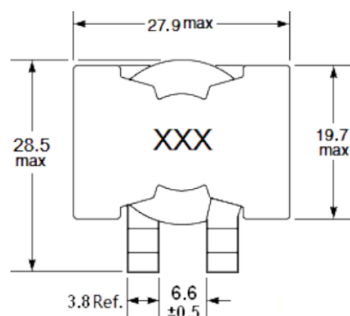
- Perfect for high current.
- Extremely low DCR.
- Low voltage power supply applications.
- High power DC power supply.
- Operating temperature: -25℃ ~125℃ .
- Placement form is SMD.



Explanation of part numbers:



Boundary dimension:



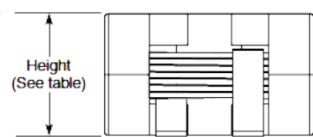
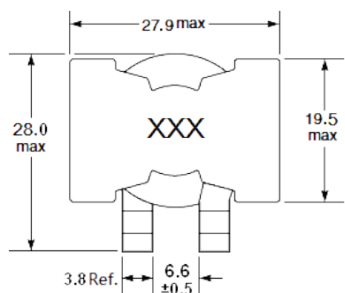
Maximum height :	
HCZH2918H	18.5

Electrical characteristics:

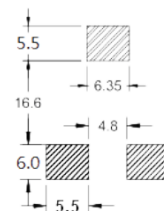
Test condition: at 25℃ 100KHz/0.1V

PART NO.	L(0A)(μH)	DCR(mΩ)		SRF(MHz)TY PE	Isat(A)		Irms(A) 40℃ rise
		Nom .	Max.		20% drop	30% drop	
HCZC-2918H-3R3-M	3.3	2.45	2.8	40	92.5	93.6	28
HCZC-2918H-4R7-M	4.7	2.45	2.8	30	61.2	62.4	28
HCZC-2918H-6R8-M	6.8	2.45	2.8	25	45.0	45.9	28
HCZC-2918H-100-M	10.0	2.45	2.8	20	31.2	32.1	28
HCZC-2918H-150-M	15.0	2.45	2.8	16	21.2	21.9	28
HCZC-2918H-220-M	22.0	2.45	2.8	15	14.0	15.0	28
HCZC-2918H-330-M	33.0	2.45	2.8	10	8.7	9.6	28

Boundary dimension:



False pins



Maximum height:

HCZC2918HT 17.8

Electrical characteristics:

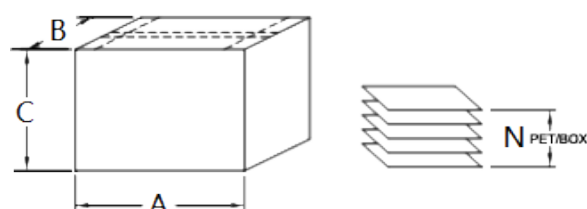
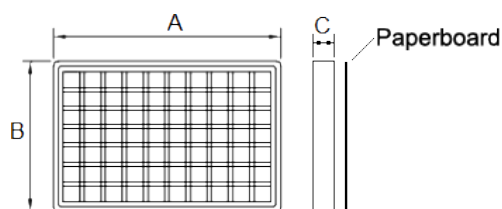
Test condition: at 25 °C 100KHz/0.1V

PART NO.	L(0A)(μH)	DCR(mΩ)		SRF(MHz)TY PE	Isat(A)		Irms(A) 40°C rise
		Nom .	Max.		20% drop	30% drop	
HCZC-2918HT-3R3-M	3.3	2.45	2.8	40	92.5	93.6	28
HCZC-2918HT-4R7-M	4.7	2.45	2.8	30	61.2	62.4	28
HCZC-2918HT-6R8-M	6.8	2.45	2.8	25	45.0	45.9	28
HCZC-2918HT-100-M	10.0	2.45	2.8	20	31.2	32.1	28
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HCZC-2918HT-220-M	22.0	2.45	2.8	15	14.0	15.0	28
HCZC-2918HT-330-M	33.0	2.45	2.8	10	8.7	9.6	28

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



SERies Name and Note	Plastic Plate(mm)	Outer Box(mm)
HCZC-2918H(带底板)	35pcs/PET Box	280pcs/Box
HCZC-2918HT(带假脚)	35pcs/PET Box	280pcs/Box