



AXMSER 2817 2915 2918SERIES

## 规格书

客户

客户料号

科明规格料号

AXMSER2817 2915 2918 SERIES

版本

A

日期

2021/9/23

制做: 梁雨

确认: 王金鹏

承认: 王凯

CUSTOMER APPROVE

Please fax back after confirm of signature.

深圳市安欣美电子科技有限公司

联系人: 黄厚彩 E-mail:Axmsales008@163.com 电话: 18681505326

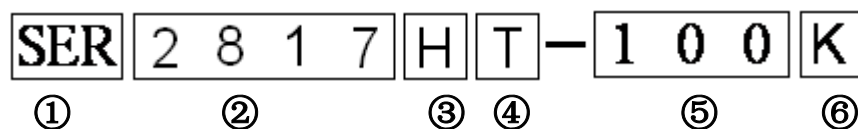
## AXMSER 2817 2915 2918SERIES



### Features:

- Perfect for high current
- Extremely low DCR
- Low voltage power supply applications
- High power DC power supply

### Part numbering system



① Series Name: AXM Part No. system.

② Size Codes: 2915, 2817, 2918.

③ DCR Type: H high DCR, L Low DCR.

④ Inductance Codes: 100 10uH, 4R7 4.7uH, 220 22uH.

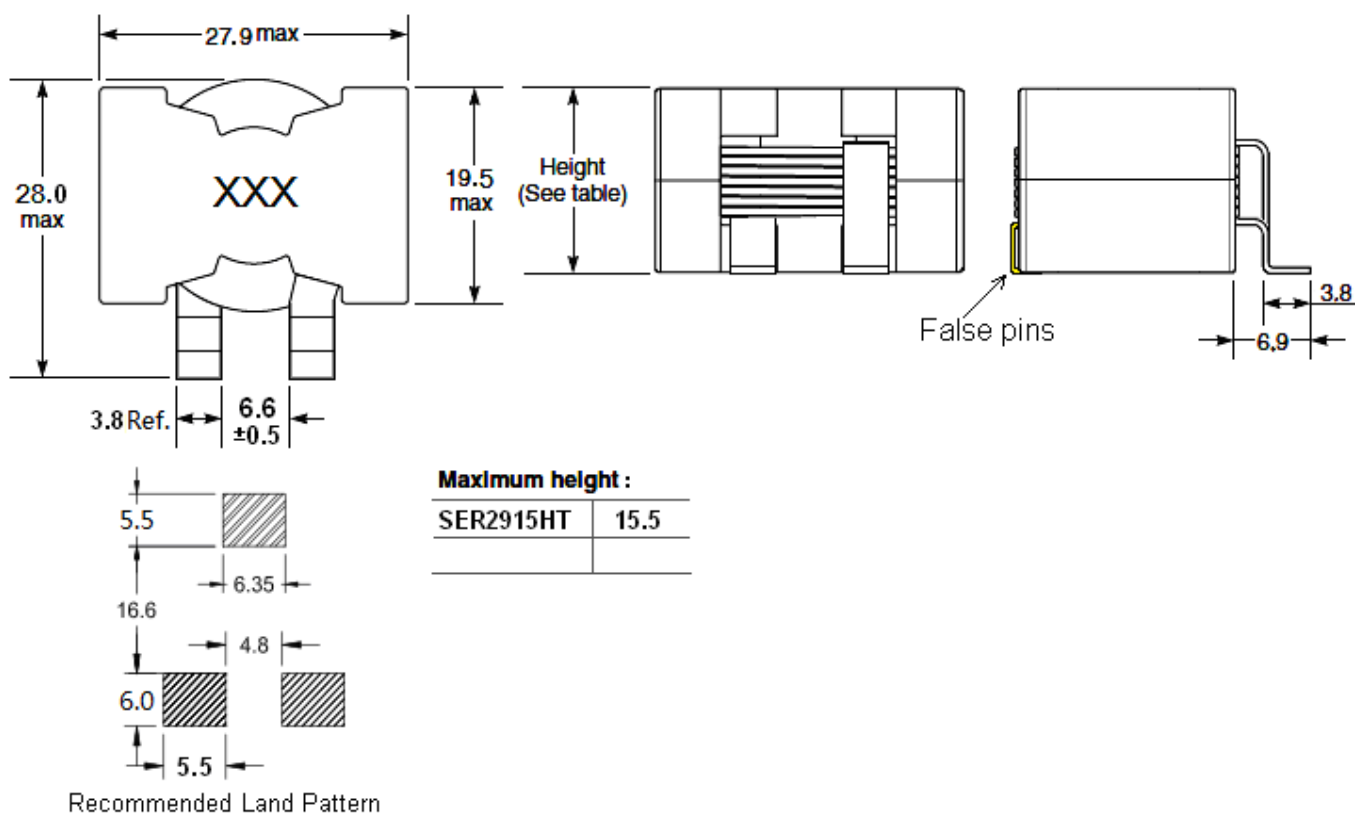
⑤ Pins Type: T-Mounting false pins type, No-2 pins type or Mounting base.

⑥ Inductance Tolerance: K  $\pm 10\%$  L  $\pm 15\%$  M  $\pm 20\%$

### Mechanical dimension: (Unit: mm)

See next page.

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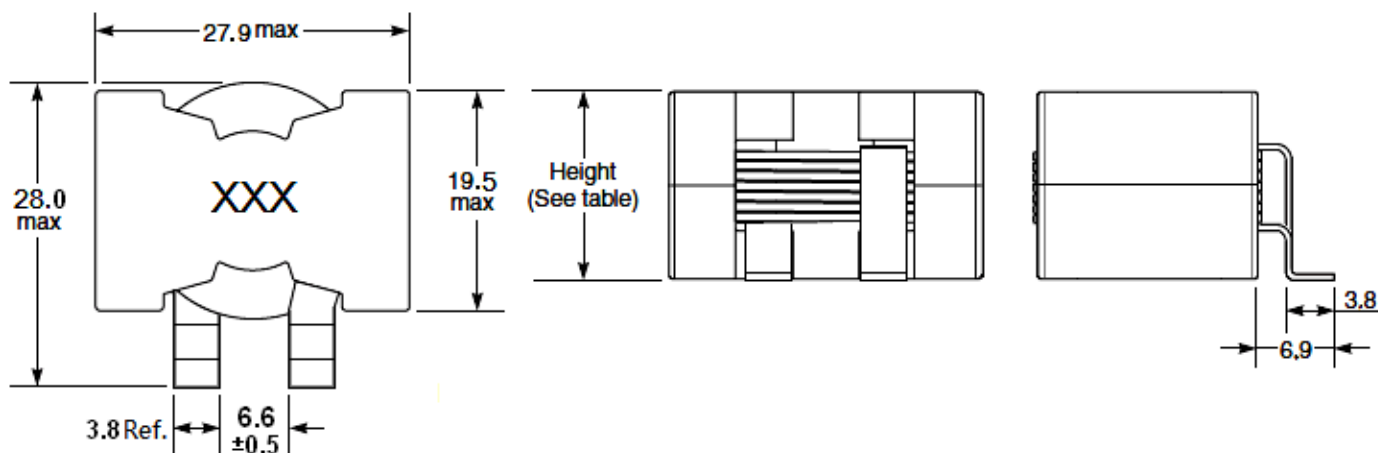


### Electrical Characteristics:

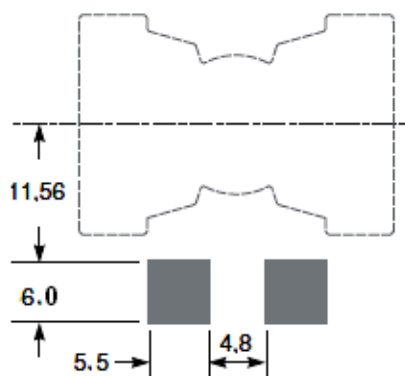
TEST CONDITION: AT 25°C, 100KHz/ 0.1V

PART NO.	L(0A) (uH)	DCR(mΩ)		SRF(MHz) TYPE	Isat(A)		I <sub>rms</sub> (A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
AXMSER2915HT-1R5M	1.5±20%	1.58	1.8	50	>100	>100	30
AXMSER2915HT-2R2M	2.2±20%	1.58	1.8	40	>100	>100	30
AXMSER2915HT-3R3M	3.3±20%	1.58	1.8	30	66.9	68.4	30
AXMSER2915HT-4R7M	4.7±20%	1.58	1.8	25	48.0	50.1	30
AXMSER2915HT-6R8M	6.8±20%	1.58	1.8	20	34.5	36.2	30
AXMSER2915HT-100M	10±20%	1.58	1.8	15	21.5	23.4	30

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### Recommended Land Pattern



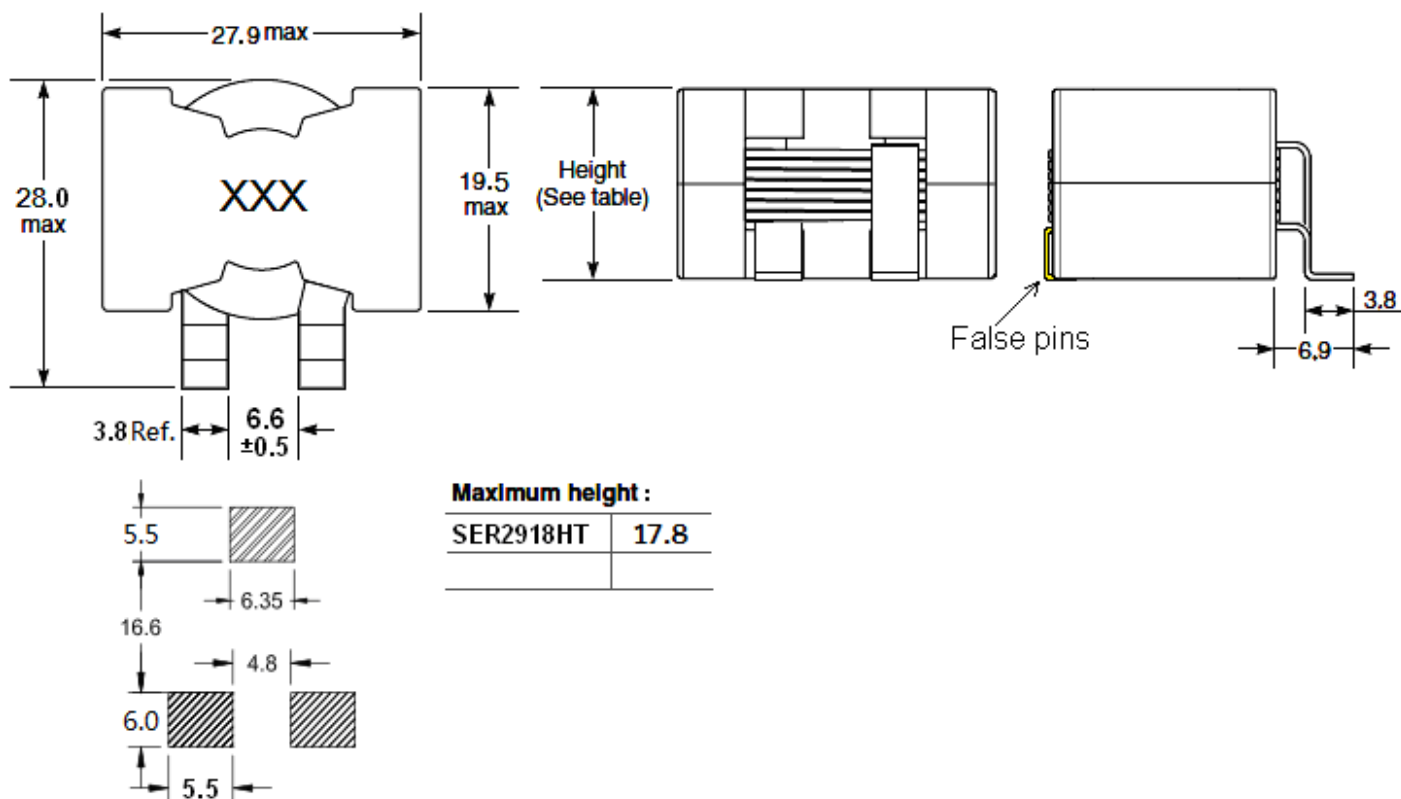
Not: 无假脚。

Maximum height :

SER2817H	17.8
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PART NO.	L(0A) (uH)	DCR(mΩ)		SRF(MHz) TYPE	Isat(A)		Irms(A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
AXMSER2817H-3R3M	3.3±20%	2.45	2.8	40	92.5	93.6	28
AXMSER2817H-4R7M	4.7±20%	2.45	2.8	30	61.2	62.4	28
AXMSER2817H-6R8M	6.8±20%	2.45	2.8	25	45.0	45.9	28
AXMSER2817H-100M	10±20%	2.45	2.8	20	31.2	32.1	28
AXMSER2817H-150M	15±20%	2.45	2.8	16	21.2	21.9	28
AXMSER2817H-220M	22±20%	2.45	2.8	15	14.0	15.0	28
AXMSER2817H-330M	33±20%	2.45	2.8	10	8.7	9.6	28

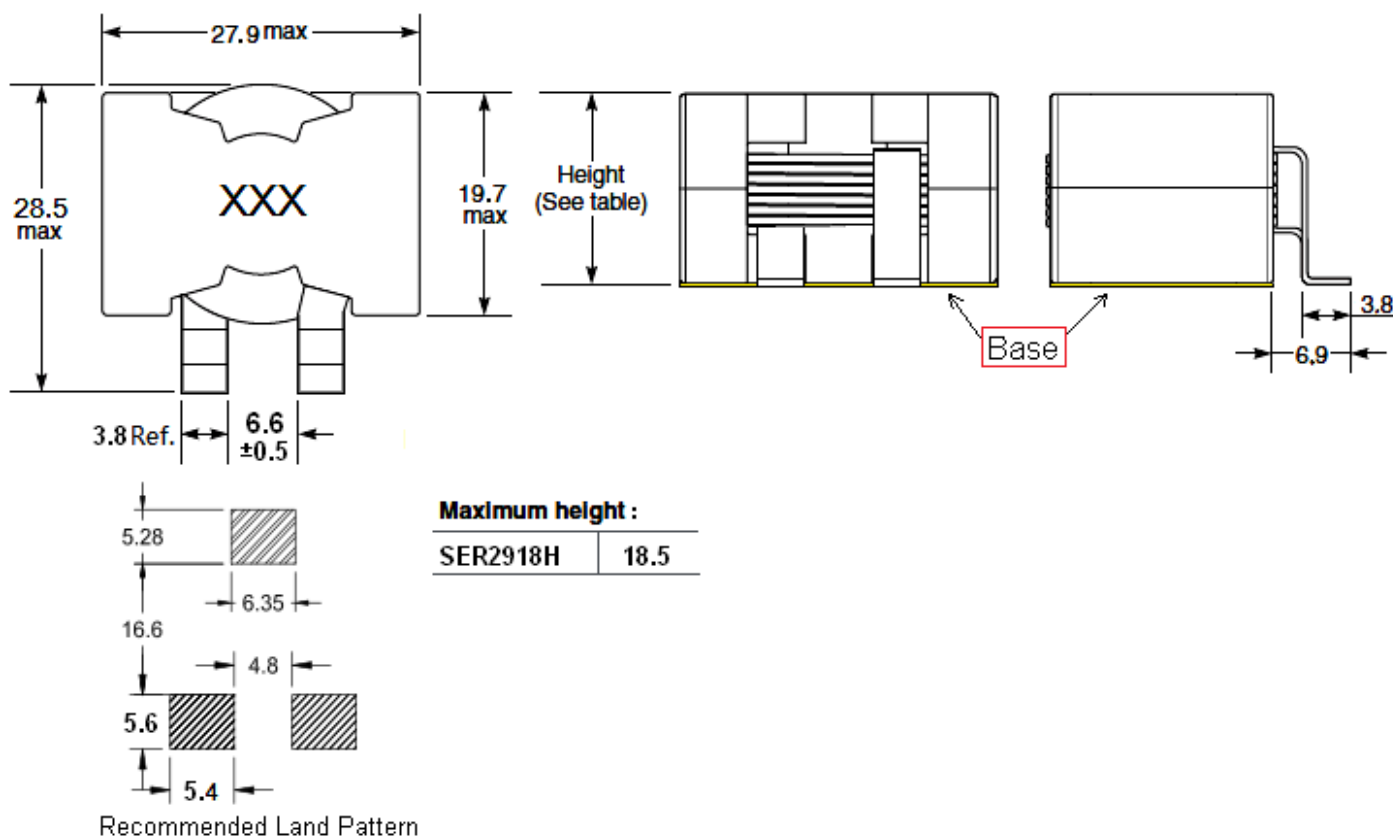
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Recommended Land Pattern

PART NO.	L(OA) (uH)	DCR(mΩ)		SRF(MHz) TYPE	Isat(A)		I <sub>rms</sub> (A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
AXMSER2918HT-3R3M	3.3±20%	2.45	2.8	40	92.5	93.6	28
AXMSER2918HT-4R7M	4.7±20%	2.45	2.8	30	61.2	62.4	28
AXMSER2918HT-6R8M	6.8±20%	2.45	2.8	25	45.0	45.9	28
AXMSER2918HT-100M	10±20%	2.45	2.8	20	31.2	32.1	28
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### Packing information:

Series Name and Note	PVC Box(mm)	Outer Box(mm)
AXMSER2915HT(带假脚)	35pcs/PVC Box	280pcs/Box
AXMSER2817H(无假脚)	35pcs/PVC Box	280pcs/Box
AXMSER2918HT(带假脚) AXMSER2918H(带底板)	35pcs/PVC Box	280pcs/Box