



扁平线大功率电感 SER28、SER29 系列

Flat wire high current power inductors SER28/SER29series



Features:

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

Part numbering system

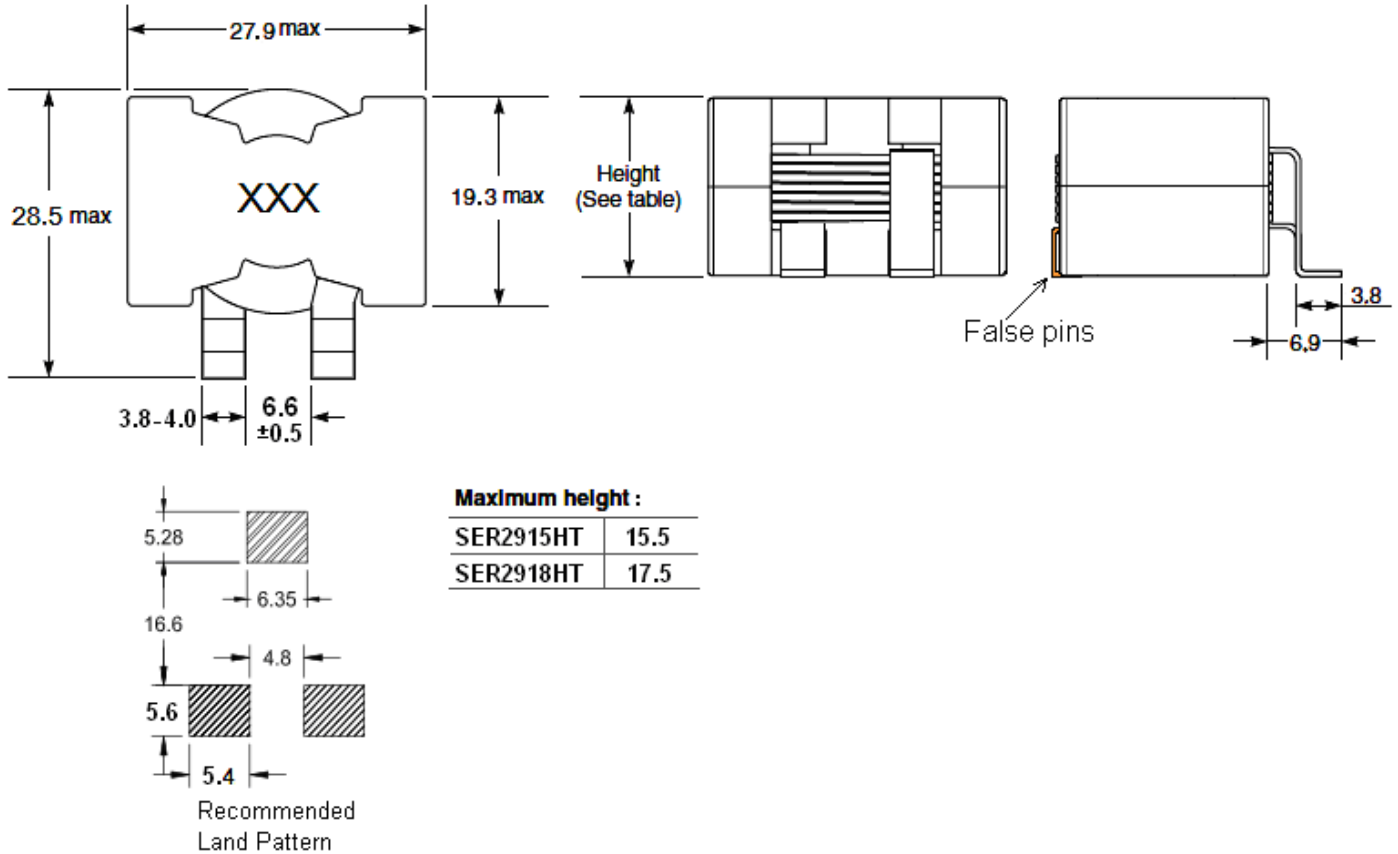
SER	2	8	1	7	H	T	-	1	0	0	K
①	②		③	④				⑤	⑥		

- ① Series Name: MCT 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.

SER2915HT Series

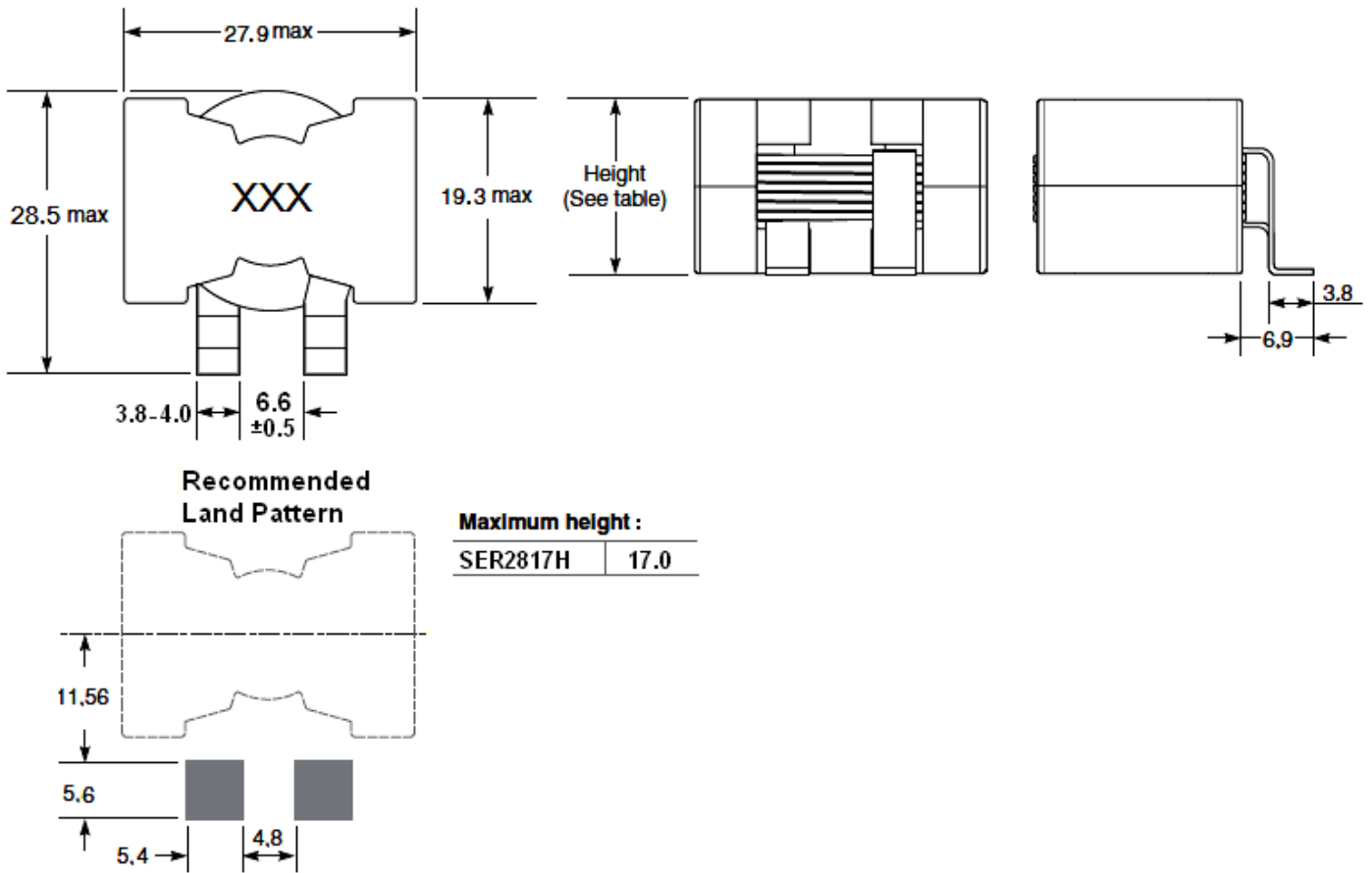


Electrical Characteristics:

TEST CONDITION: AT 25°C, 100KHz/ 0.1V

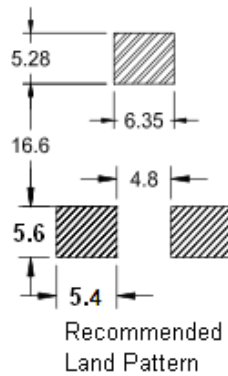
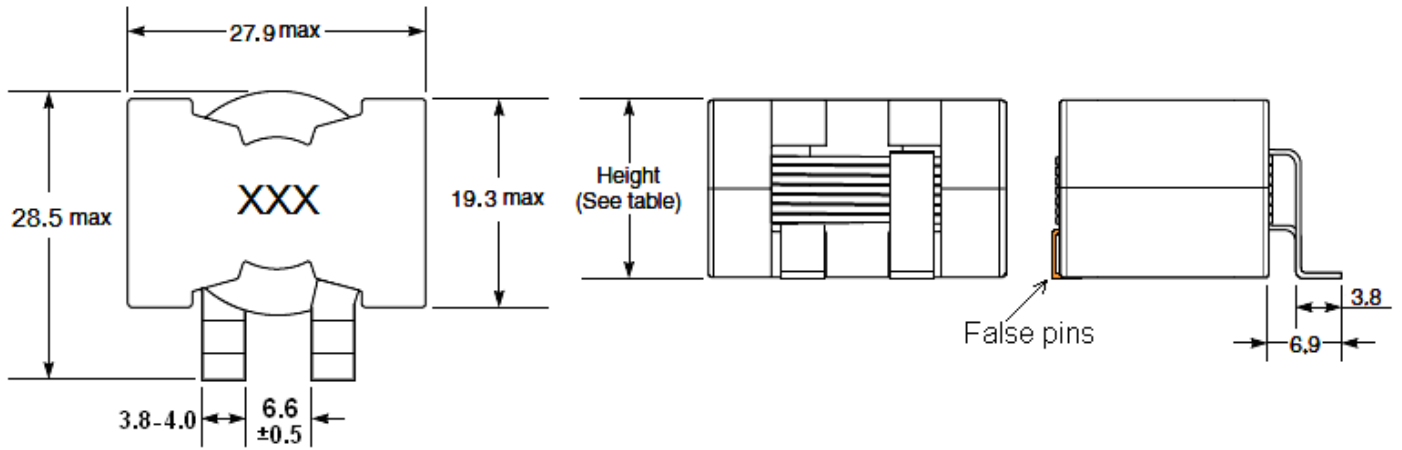
PART NO.	L(0A) (uH)	DCR(mΩ)		SRF(MHz) TYPE	Isat(A)		Irms(A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
SER2915HT-1R5M	1.5±20%	1.58	1.75	50	>100	>100	30
SER2915HT-2R2M	2.2±20%	1.96	2.15	40	>100	>100	30
SER2915HT-3R3M	3.3±20%	1.96	2.15	30	66.9	68.4	30
SER2915HT-4R7M	4.7±20%	1.96	2.15	25	48.0	50.1	30
SER2915HT-6R8M	6.8±20%	1.96	2.15	20	34.5	36.2	30
SER2915HT-100L	10±15%	1.96	2.15	15	21.5	23.4	30
SER2915HT-150K	15±10%	1.96	2.15	12	14.0	15.2	30
SER2915HT-220K	22±10%	1.96	2.15	10	8.6	9.6	30
SER2915HT-330K	33±10%	1.96	2.15	8	5.1	5.9	30

SER2817H Series



PART NO.	L(0A) (uH)	DCR(mΩ)		SRF(MHz) TYPE	Isat(A)		I _{rms} (A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
SER2817H-3R3M	3.3±20%	2.45	2.80	40	92.5	93.6	28
SER2817H-4R7M	4.7±20%	2.45	2.80	30	61.2	62.4	28
SER2817H-6R8M	6.8±20%	2.45	2.80	25	45.0	45.9	28
SER2817H-100L	10±15%	2.45	2.80	20	31.2	32.1	28
SER2817H-150K	15±10%	2.45	2.80	16	21.2	21.9	28
SER2817H-220K	22±10%	2.45	2.80	15	14.0	15.0	28
SER2817H-330K	33±10%	2.45	2.80	10	8.7	9.6	28

SER2918HT Series

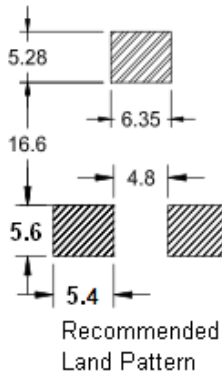
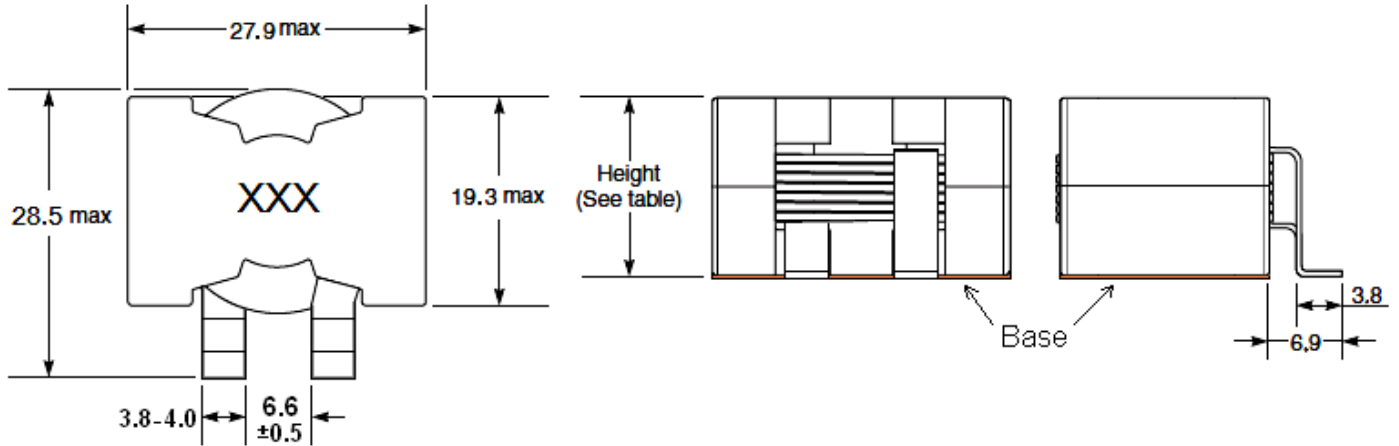


Maximum height :

SER2915HT	15.5
SER2918HT	17.5

PART NO.	L(0A) (uH)	DCR(mΩ)		SRF(MHz) TYPE	Isat(A)		Irms(A) 40°C rise
		Nom.	Max.		20% drop	30% drop	
SER2918HT-3R3M	3.3±20%	2.60	2.86	40	92.5	93.6	28
SER2918HT-4R7M	4.7±20%	2.60	2.86	30	61.2	62.4	28
SER2918HT-6R8M	6.8±20%	2.60	2.86	25	45.0	45.9	28
SER2918HT-100L	10±15%	2.60	2.86	20	31.2	32.1	28
SER2918HT-150K	15±10%	2.60	2.86	16	21.2	21.9	28
SER2918HT-220K	22±10%	2.60	2.86	15	14.0	15.0	28
SER2918HT-330K	33±10%	2.60	2.86	10	8.7	9.6	28

SER2918H Series



Maximum height :

SER2918H	18.5
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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	
SER2918H-3R3M	3.3±20%	2.60	2.86	40	92.5	93.6	28
SER2918H-4R7M	4.7±20%	2.60	2.86	30	61.2	62.4	28
SER2918H-6R8M	6.8±20%	2.60	2.86	25	45.0	45.9	28
SER2918H-100L	10±15%	2.60	2.86	20	31.2	32.1	28
SER2918H-150K	15±10%	2.60	2.86	16	21.2	21.9	28
SER2918H-220K	22±10%	2.60	2.86	15	14.0	15.0	28
SER2918H-330K	33±10%	2.60	2.86	10	8.7	9.6	28

Packing information:

Series Name	PVC Box(mm)	Outer Box(mm)
SER2915HT	35pcs/PVC Box	280pcs/Box
SER2817H SER2918HT SER2918H	35pcs/PVC Box	280pcs/Box