SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SER TYPE

FEATURES

- Perfect for high current.
- Extremely low RDC.
- Low voltage power supply applications.
- Custom design available.

APPLICATIONS

- Desktop/server applications.
- Battery Power equipment.
- DC/DC converters.
- Power supplier, etc.

ORDERING CODE

SER □□□□□□ – 100 □

- Tolerance (K:±10%, L:±15%, M:±20%)
- Inductance
- Dimension
- Product Symbol

SHAPES

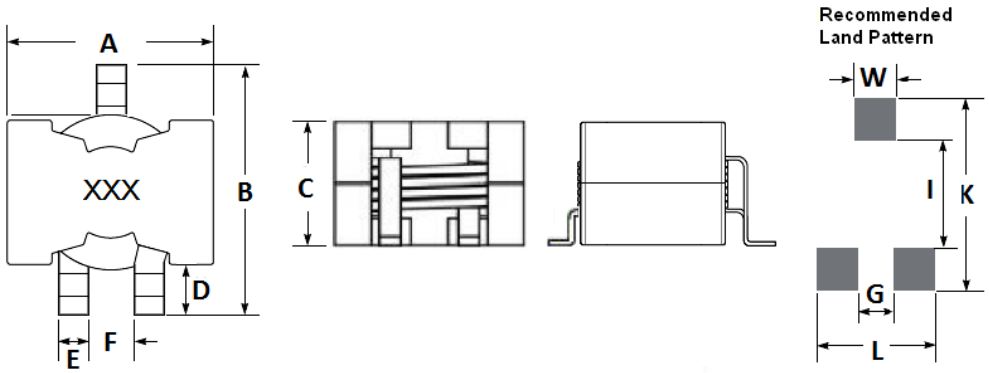

FIG.. 1

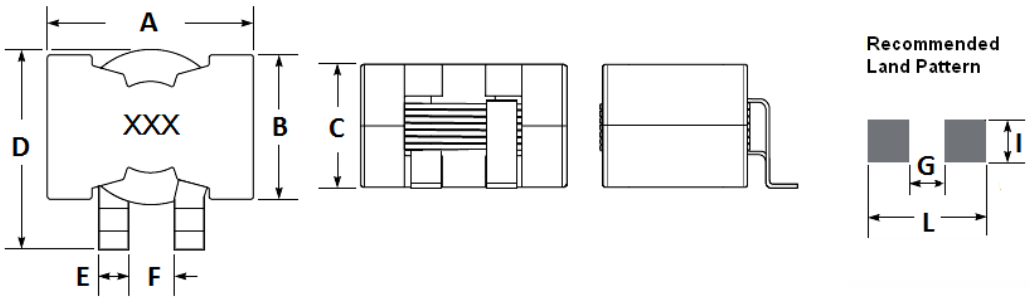

FIG. 2

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SER TYPE

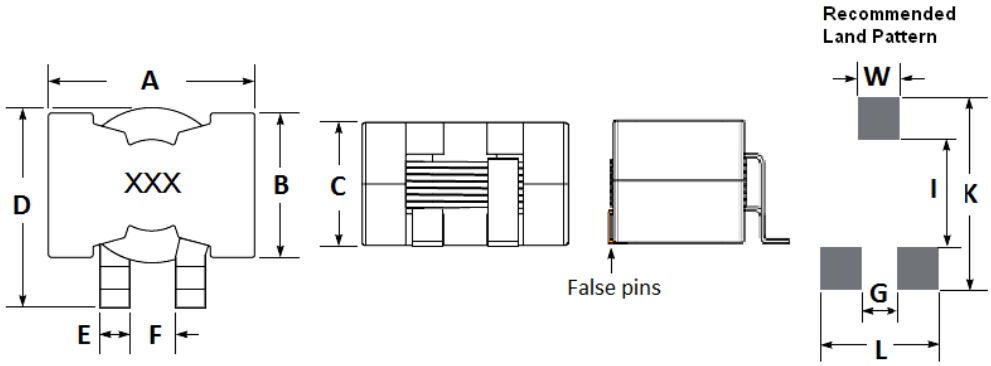

FIG. 3

DIMENSIONS UNIT: mm (inch)

Part No.	FIG.	A (MAX)	B (MAX)	C (MAX)	D (MAX)	E	F	G (REF)	I (REF)	K (REF)	L (REF)	W (REF)
SER2014T	1	21.8	24.5	14.5	4.0~7.5	2.2~3.8	4.0~7.0	4.0	13.0	23.0	14.0	5.0
SER2817H	2	27.9	19.3	17.0	28.5	3.8~4.0	6.6±0.5	4.8	5.6	-	15.6	-
SER2915HT	3	27.9	19.3	15.5	28.5	3.8~4.0	6.6±0.5	4.8	16.6	27.48	15.6	6.35
SER2918HT	3	27.9	19.3	17.5	28.5	3.8~4.0	6.6±0.5	4.8	16.6	27.48	15.6	6.35

ELECTRICAL CHARACTERISTICS FOR SER2014T

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SER2014T - R70□	0.7	500KHz/0.1V	0.92	75
SER2014T - 1R4□	1.4	500KHz/0.1V	1.19	60
SER2014T - 2R2□	2.2	500KHz/0.1V	1.65	52
SER2014T - 3R1□	3.1	500KHz/0.1V	2.30	45
SER2014T - 4R2□	4.2	500KHz/0.1V	3.35	38
SER2014T - 5R5□	5.5	500KHz/0.1V	4.40	33
SER2014T - 7R0□	7.0	500KHz/0.1V	6.17	30
SER2014T - 8R6□	8.6	500KHz/0.1V	7.91	25
SER2014T - 100□	10	500KHz/0.1V	8.75	23
SER2014T - 150□	15	500KHz/0.1V	9.57	21
SER2014T - 220□	22	500KHz/0.1V	11.71	15
SER2014T - 330□	33	500KHz/0.1V	12.54	11
SER2014T - 470□	47	500KHz/0.1V	13.42	8.5

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ELECTRICAL CHARACTERISTICS FOR SER2817H

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SER2817H - 3R3□	3.3	500KHz/0.1V	2.8	92.5
SER2817H - 4R7□	4.7	500KHz/0.1V	2.8	61.2
SER2817H - 6R8□	6.8	500KHz/0.1V	2.8	45.0
SER2817H - 100□	10	500KHz/0.1V	2.8	31.2
SER2817H - 150□	15	500KHz/0.1V	2.8	21.2
SER2817H - 220□	22	500KHz/0.1V	2.8	14.0
SER2817H - 330□	33	500KHz/0.1V	2.8	8.7

ELECTRICAL CHARACTERISTICS FOR SER2915HT

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SER2915HT - 3R3□	3.3	500KHz/0.1V	1.75	66.9
SER2915HT - 4R7□	4.7	500KHz/0.1V	1.75	48.0
SER2915HT - 6R8□	6.8	500KHz/0.1V	1.75	34.5
SER2915HT - 100□	10	500KHz/0.1V	1.75	21.5
SER2915HT - 150□	15	500KHz/0.1V	1.75	14.0
SER2915HT - 220□	22	500KHz/0.1V	1.75	8.6
SER2915HT - 330□	33	500KHz/0.1V	1.75	5.1

ELECTRICAL CHARACTERISTICS FOR SER2918HT

Part No.	Inductance (uH)	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A) Max
SER2918H - 3R3□	3.3	500KHz/0.1V	2.8	92.5
SER2918H - 4R7□	4.7	500KHz/0.1V	2.8	61.2
SER2918H - 6R8□	6.8	500KHz/0.1V	2.8	45.0
SER2918H - 100□	10	500KHz/0.1V	2.8	31.2
SER2918H - 150□	15	500KHz/0.1V	2.8	21.2
SER2918H - 220□	22	500KHz/0.1V	2.8	14.0
SER2918H - 330□	33	500KHz/0.1V	2.8	8.7