

# SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SER TYPE

## FEATURES

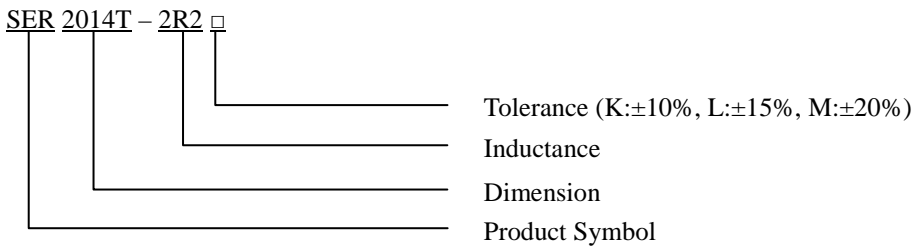
- ◆ Perfect for high current.
- ◆ Extremely low RDC.
- ◆ Low voltage power supply applications.
- ◆ Custom design available.

## APPLICATIONS

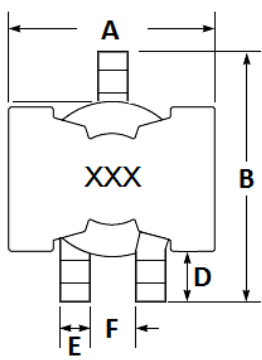
- ◆ Desktop/server applications.
- ◆ Battery Power equipment.
- ◆ DC/DC converters.
- ◆ Power supplier, etc.



## ORDERING CODE



## DIMENSIONS UNIT: mm



A	21.8 (MAX)	m/m
B	24.5 (MAX)	m/m
C	14.5 (MAX)	m/m
D	4.0 ~ 7.5	m/m
E	2.2 ~ 3.8	m/m
F	4.0 ~ 7.0	m/m

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### ELECTRICAL CHARACTERISTICS FOR SER2014T

Part No.	Inductance ( $\mu$ H)	Test Frequency (MHz)	RDC ( $m\Omega$ ) 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