

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SER TYPE

FEATURES

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

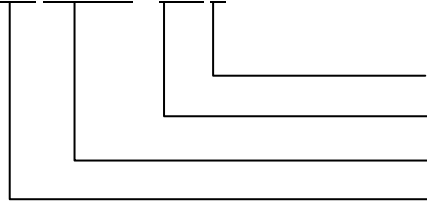


APPLICATIONS

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

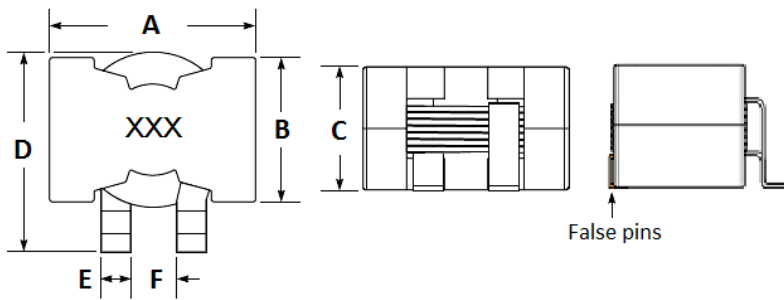
ORDERING CODE

SER 2918HT - 3R3 □



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

DIMENSIONS UNIT: mm



A	27.9 (MAX)	m/m
B	19.3 (MAX)	m/m
C	17.5 (MAX)	m/m
D	28.5 (MAX)	m/m
E	3.8 ~ 4.0	m/m
F	6.6 ± 0.5	m/m

CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>



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ELECTRICAL CHARACTERISTICS FOR SER2918HT

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