

# SURFACE MOUNT HIGH CURRENT POWER INDUCTORS / SER TYPE

## FEATURES

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

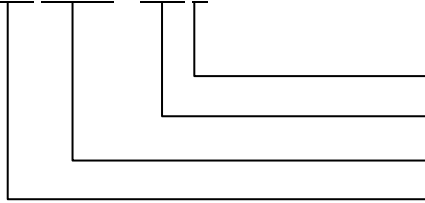


## APPLICATIONS

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

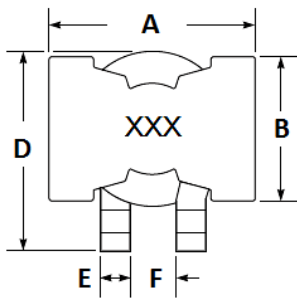
## ORDERING CODE

SER 2817H - 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	17.0 (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.**



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### ELECTRICAL CHARACTERISTICS FOR SER2817H

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

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