SURFACE MOUNT HIGH CURRENT POWER INDUCTORS /SMPI-E TYPE

FEATURES

- Magnetic shielding structure: excellent resistance to electromagnetic interference (EMI).
- Die-casting by low loss alloy powder: low impedance.
- High efficiency, wide application frequency and application scope.

APPLICATIONS

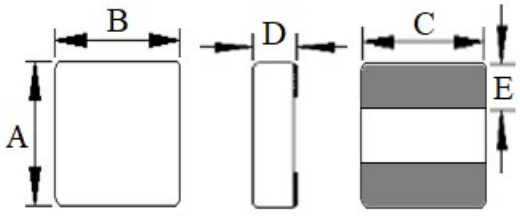
- Servers.
- Graphics cards.
- Various categories of consumer electronics.

ORDERING CODE

SMPI 03220E– 1R0 □

- Tolerance (M:±20%)
- Inductance
- Dimension
- Product Symbol

DIMENSIONS UNIT: mm



A	3.2± 0.3	m/m
B	2.5 ± 0.3	m/m
C	2.5 (REF)	m/m
D	2.1 (MAX)	m/m
E	1.0 (REF)	m/m

SURFACE MOUNT HIGH CURRENT POWER INDUCTORS /SMPI-E TYPE

ELECTRICAL CHARACTERISTICS FOR SMPI 03220E

Part No.	Inductance (uH) @(0A)	Test Frequency	Heat Rating Current Irms(A)	Saturation Current Isat (A) drop30%	RDC (mΩ) MAX
SMPI03220E-R47M	0.47	100KHz/1V	7.0	12.0	13
SMPI03220E-R68M	0.68	100KHz/1V	6.5	11.0	16
SMPI03220E-1R0M	1.00	100KHz/1V	5.4	10.0	22
SMPI03220E-1R5M	1.50	100KHz/1V	4.5	7.5	31
SMPI03220E-2R2M	2.20	100KHz/1V	4.0	7.0	46
SMPI03220E-3R3M	3.30	100KHz/1V	3.0	5.5	65
SMPI03220E-4R7M	4.70	100KHz/1V	2.8	4.5	120
SMPI03220E-6R8M	6.80	100KHz/1V	2.3	4.0	170

Notes:
1) You require another part number please contact with us.
2) Inductance Tolerance ± 20% ；Frequency Test：100KHz/1.0v
3) All test data is referenced to 25℃ ambient.
4) Irms : DC current (A) that will cause an approximate△T of 40℃
5) Isat : DC current (A) that will cause Lo to drop approximately 30%
6) We can design according to customer's request.