



HSCM9085 SERIES

1. FEATURES:

- (1) Wire wound structure common mode choke.
- (2) Best EMI suppression effect high impedance.
- (3) Very high rated current and low DCR.

2. APPLICATIONS:

- (1) Preventive measure against common mode noise.
- (2) Radiation emissions from power line or else.
- (3) Best for high current circuit such as car.
- (4) Wireless charging and power device design.
- (5) Industrial applications.

3. PART NUMBER SYSTEM:

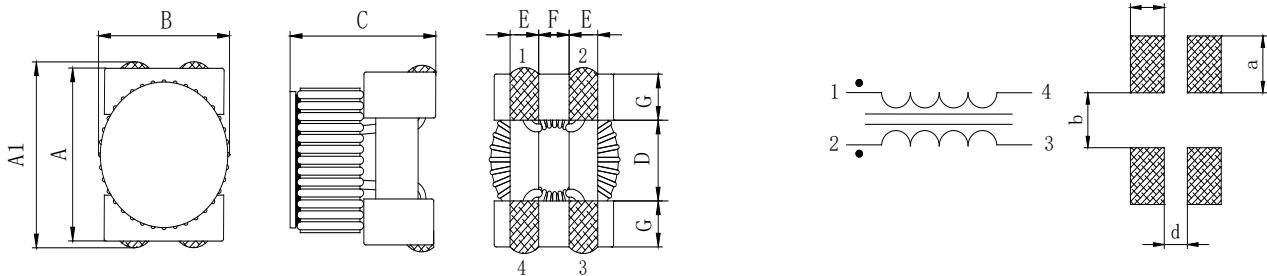
HSCM9085TL - 102

(1) (2) (3) (4)

- (1) Type, SMD Common Mode.
- (2) Size, e.g. 9085 is for 9.0mm*8.5mm.
- (3) TL is for reel tape pack
- (4) Impedance value

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4. PHYSICAL CHARACTERISTICS:



TYPE	A	A1	B	C	D	E	F	G	a	b	c	d
	±0.5	±0.6	Max	Max	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref
9085	9.0	9.5	9.2	8.5	5.7	1.5	2.0	1.7	3.0	5.0	2.2	1.8

5. ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (uH)±40%	Test frequency	DCR(mΩ) Max	Rated Current (A)
HSCM9085TL-102	1000	100KHz/0.25V	100	2.5
HSCM9085TL-132	1300	100KHz/0.25V	115	2.4
HSCM9085TL-162	1600	100KHz/0.25V	130	2.3