



HSCM4520 SERIES

1. FEATURES:

- (1) Small size SMD Design.
- (2) Wire wound structure common mode choke.
- (3) Best EMI suppression effect high impedance.
- (4) 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:

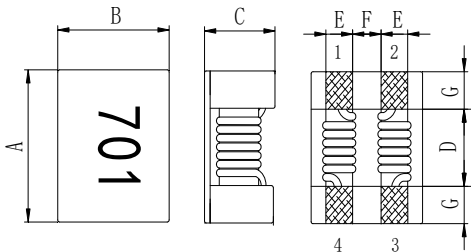
HSCM4520 TL - 900

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

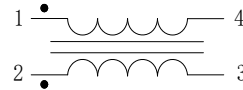
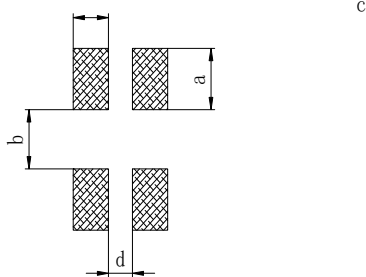
- (1) Type, SMD Common Mode.
- (2) Size, e.g. 4520 is for 4.5mm*2.0mm.
- (3) TL is for reel tape pack
- (4) Impedance value

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4. PHYSICAL CHARACTERISTICS:



TYPE	A	B	C	D	E	F	G	a	b	c	d
	±0.5	±0.5	Max	Ref	Ref	Ref	Ref	Ref	Ref	Ref	Ref
4520	4.70	4.50	2.20	2.70	0.75	1.25	1.00	1.75	2.00	1.75	0.90



5. ELECTRICAL CHARACTERISTICS:

Pat Number	Impedance	Test Frequency	DCR	Rated Current	Rated Voltage	Insulation Resistance
	(Ω)	(MHz)	(mΩ)Max	(A)Max	(V)MAX	(MΩ)Min
HSCM4520TL-900	30 (60Typ)	100	35	3.2	50	10
HSCM4520TL-151	80 (150Typ)	100	40	3.1	50	10
HSCM4520TL-301	100 (300Typ)	100	45	3	50	10
HSCM4520TL-401	200 (400Typ)	100	50	2.5	50	10
HSCM4520TL-701	500 (700Typ)	100	59	2.2	50	10
HSCM4520TL-102	800 (1000Typ)	100	68	2.1	50	10
HSCM4520TL-122	1000 (1200Typ)	100	74	2	50	10
HSCM4520TL-142	1200 (1400Typ)	100	81	1.9	50	10