

SHENZHEN HIGHSTARTECH ELECTRONICS CO., LTD

HSSFLS SERIES

1. FEATURES:

(1) Various high power inductors are superior to be high saturation for surface mounting.

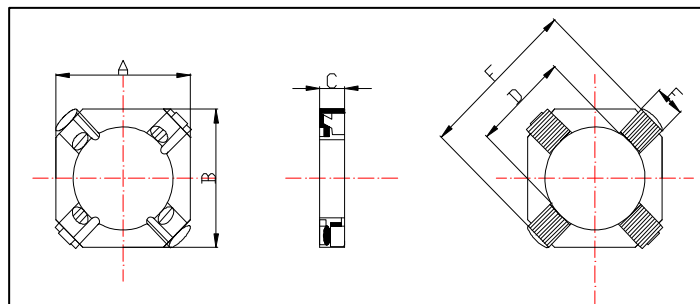
2. APPLICATIONS:

- (1) Power supply for VTR, OA equipment;
- (2) Digital camera, LCD television set;
- (3) Notebook PC, portable communication equipments;
- (4) DC/DC converters, etc.

3. PART NUMBER SYSTEM:

HS-SFLS	4D14T	100	N	R	S-LF
1	2	3	4	5	
SERIESNAME	DIMENSIONS	INDUCTANCE	TOLERANCE	PACKING	
			J: 5%, K: 10%, L: 15%, M: 20%, P: 25%, N: 30%	R: Tape & Reel B: in Bulk	S: series Lf: Lead Free

4. PHYSICAL CHARACTERISTICS:



UNIT: mm

Type	A(max)	B(max)	C(max)	D	E	F
HS-SFLS4D14T	4.9	4.9	1.5	3.3	1.0	5.4

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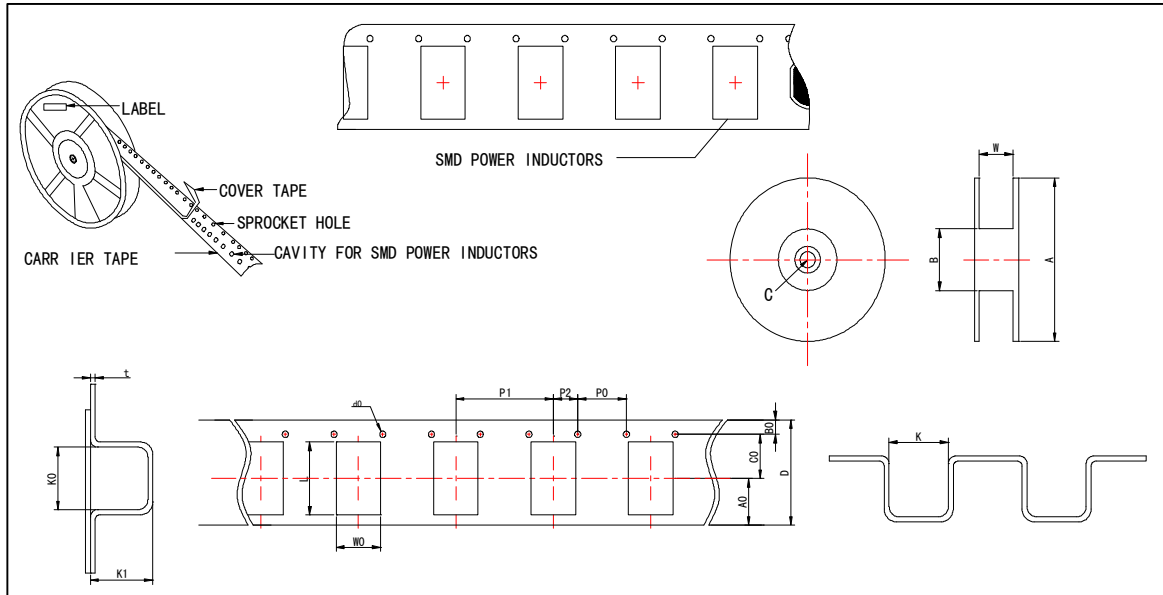
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5. ELECTRICAL CHARACTERISTICS:

Part Numbrt	Inductance (μ H)	DCR(max) (Ω)	IDC(A) (max) $\Delta L/L=-25\%$; $\Delta t=40^{\circ}\text{C}$	Test Freq.
HS-SFLS4D14T-3R3	3.3	0.110(0.085)	0.9	100KHz
HS-SFLS4D14T-4R7	4.7	0.130(0.100)	0.8	100KHz
HS-SFLS4D14T-6R8	6.8	0.180(0.140)	0.65	100KHz
HS-SFLS4D14T-100	10	0.270(0.210)	0.55	100KHz
HS-SFLS4D14T-150	15	0.390(0.300)	0.45	100KHz
HS-SFLS4D14T-220	22	0.560(0.430)	0.35	100KHz
HS-SFLS4D14T-330	33	0.830(0.640)	0.3	100KHz

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●Reel Dimensions & Packing Unit

UNIT:mm

Part Number	Dimensions of Reel				Packaging Unit
	A	B	C	W	
HS-SFLS4D14T	177.8	60.0±2.00	13.50±0.50	12.0±0.50	1000pcs/r

●Carrier Tape Dimensions

UNIT:mm

Sym.	HS-SFLS4D14T
A0	4.75±0.10
B0	1.75±0.10
C0	5.5±0.10
D	12.0±0.30
K	4.85±0.20
K0	4.85±0.20
K1	1.6±0.10
L	4.85±0.20
W0	4.85±0.20
P0	4.00±0.10
P1	8.00±0.10
P2	2.00±0.05
d0	1.55±0.05
t	0.30±0.05