



## PRODUCT IDENTIFICATION

SRCD 4532 D Y F 101 M T 00  
a b c d e f g h i

- a: Series name
- b: Product dimensions (a x c)
- c: Winding (D:Single Line、C: Double Line)
- d: Sealing way (L: Cold seal、Y: Heat seal)
- e: Lettering direction ▶
- f: Inductance Value  
(1R0:1.0uH、100: 10uH、101:100uH)
- g: Inductance Tolerance (K:10%、M:20%、N:30%)
- h: Package(T:Tape/Reel、B: Bulk)
- i: Numbering (standard)

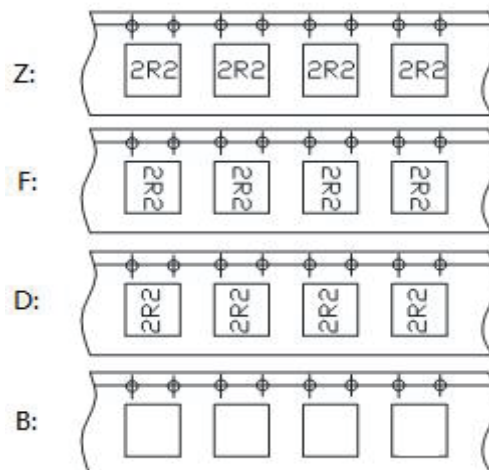
## FEATURES

- ◆ High heat resistance and excellent solderability.
- ◆ Excellent terminal strength construction.
- ◆ Surface mount inductor with high current rating.

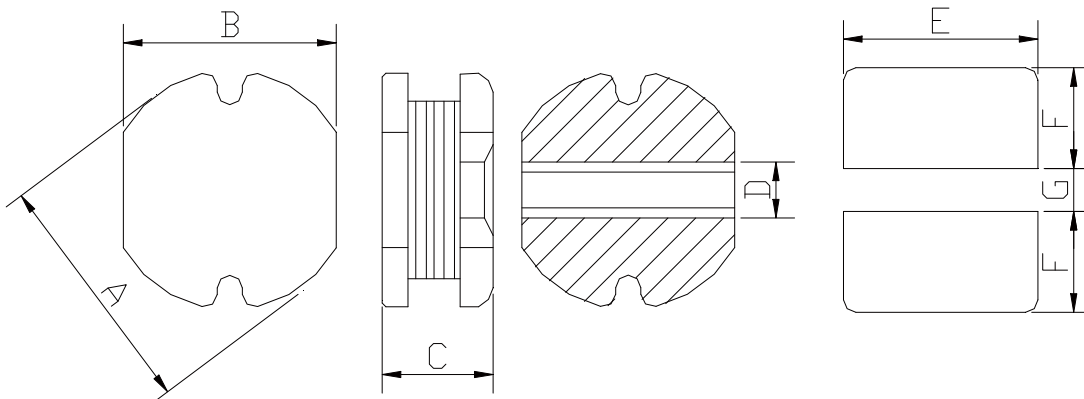
## APPLICATIONS

- ◆ Ideally used in Digital camera, notebook, PC, LCD TV set, DC-DC Converters, etc.

### ▶ Lettering direction



## SHAPES AND DIMENSIONS



Series	Dimensions(mm)						
	A	B	C	D	E Ref.	F Ref.	G Ref.
SRCD.3516	3.5±0.3	3.0±0.3	1.6±0.3	1.0	3.2	1.3	1.0
SRCD.3521	3.5±0.3	3.0±0.3	2.1±0.3	1.0	3.2	1.3	1.0
SRCD.4521	4.5±0.3	4.0±0.3	2.1±0.3	1.2	4.5	1.8	1.5
SRCD.4532	4.5±0.3	4.0±0.3	3.2±0.3	1.2	4.5	1.8	1.5
SRCD.5830	5.8±0.3	5.2±0.3	3.0±0.3	1.3	5.5	2.2	1.7
SRCD.5845	5.8±0.3	5.2±0.3	4.5±0.3	1.3	5.5	2.2	1.7
SRCD.7835	7.8±0.3	7.0±0.3	3.5±0.3	2.1	7.5	3.0	2.0
SRCD.7850	7.8±0.3	7.0±0.3	5.0±0.3	2.1	7.5	3.0	2.0
SRCD.1054	10.0±0.3	9.0±0.3	5.4±0.3	2.1	9.5	3.75	2.5

## ELECTRICAL CHARACTERISTICS

Part Number	L ( $\mu$ H)	Test Freq. (KHz/V)	DCR Max. ( $\Omega$ )	IDC Max. (A)
SRCD.3516.DYF1R0MT00	1.0	100/0.25	0.049	1.20
SRCD.3516.DYF1R8MT00	1.8	100/0.25	0.068	1.10
SRCD.3516.DYF2R2MT00	2.2	100/0.25	0.089	0.98
SRCD.3516.DYF2R7MT00	2.7	100/0.25	0.091	0.96
SRCD.3516.DYF3R3MT00	3.3	100/0.25	0.120	0.95
SRCD.3516.DYF4R7MT00	4.7	100/0.25	0.163	0.90
SRCD.3516.DYF5R6MT00	5.6	100/0.25	0.182	0.85
SRCD.3516.DYF6R8MT00	6.8	100/0.25	0.234	0.81
SRCD.3516.DYF8R2MT00	8.2	100/0.25	0.260	0.71
SRCD.3516.DYF100KT00	10	100/0.25	0.357	0.61
SRCD.3516.DYF120KT00	12	100/0.25	0.377	0.58
SRCD.3516.DYF150KT00	15	100/0.25	0.442	0.53
SRCD.3516.DYF180KT00	18	100/0.25	0.520	0.48
SRCD.3516.DYF220KT00	22	100/0.25	0.637	0.43
SRCD.3516.DYF270KT00	27	100/0.25	0.767	0.41
SRCD.3516.DYF330KT00	33	100/0.25	1.01	0.37
SRCD.3516.DYF390KT00	39	100/0.25	1.11	0.34
SRCD.3516.DYF470KT00	47	100/0.25	1.68	0.30
SRCD.3516.DYF820KT00	82	100/0.25	2.66	0.25
SRCD.3516.DYF101KT00	100	100/0.25	3.15	0.20
SRCD.3516.DYF151KT00	150	100/0.25	4.29	0.17

Note:

Tolerance: N:±30% , M:±20% , K:±10%

IDC:DC current at which the inductance drops approximate 10% from its value without current;

Part Number	L ( $\mu$ H)	Test Freq. (KHz/V)	DCR Max. ( $\Omega$ )	IDC Max. (A)
SRCD.7835.CYF1R0MT00	1.0	100 / 0.25	0.010	6.00
SRCD.7835.CYF2R2MT00	2.2	100 / 0.25	0.018	5.20
SRCD.7835.CYF3R3MT00	3.3	100 / 0.25	0.025	4.00
SRCD.7835.CYF4R7MT00	4.7	100 / 0.25	0.035	3.50
SRCD.7835.CYF5R6MT00	5.6	100 / 0.25	0.040	3.00
SRCD.7835.CYF6R8MT00	6.8	100 / 0.25	0.050	2.50
SRCD.7835.CYF8R2MT00	8.2	100 / 0.25	0.059	2.00
SRCD.7835.DYF2R2MT00	2.2	100 / 0.25	0.021	5.20
SRCD.7835.DYF4R7MT00	4.7	100 / 0.25	0.033	3.50
SRCD.7835.DYF100KT00	10	100 / 0.25	0.064	1.44
SRCD.7835.DYF150KT00	15	100 / 0.25	0.090	1.24
SRCD.7835.DYF220KT00	22	100 / 0.25	0.130	1.07
SRCD.7835.DYF330KT00	33	100 / 0.25	0.170	0.85
SRCD.7835.DYF470KT00	47	100 / 0.25	0.250	0.68
SRCD.7835.DYF560KT00	56	100 / 0.25	0.280	0.64
SRCD.7835.DYF680KT00	68	100 / 0.25	0.330	0.59
SRCD.7835.DYF820KT00	82	100 / 0.25	0.410	0.54
SRCD.7835.DYF101KT00	100	100 / 0.25	0.480	0.51
SRCD.7835.DYF121KT00	120	100 / 0.25	0.540	0.49
SRCD.7835.DYF151KT00	150	100 / 0.25	0.750	0.40
SRCD.7835.DYF181KT00	180	100 / 0.25	1.020	0.36
SRCD.7835.DYF221KT00	220	100 / 0.25	1.200	0.31
SRCD.7835.DYF271KT00	270	100 / 0.25	1.310	0.29
SRCD.7835.DYF331KT00	330	100 / 0.25	1.500	0.28
SRCD.7835.DYF471KT00	470	100 / 0.25	2.200	0.22
SRCD.7835.DYF561KT00	560	100 / 0.25	2.600	0.20
SRCD.7835.DYF681KT00	680	100 / 0.25	3.200	0.13
SRCD.7835.DYF821KT00	820	100 / 0.25	3.900	0.11
SRCD.7835.DYF352KT00	3500	100 / 0.25	19.50	0.10

## Note:

Tolerance: N: $\pm$ 30% , M: $\pm$ 20% , K: $\pm$ 10%

IDC:DC current at which the inductance drops approximate 10% from its value without current;