



## 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)

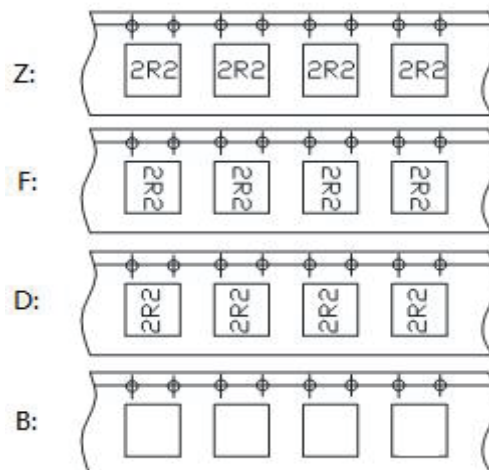
## FEATURES

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

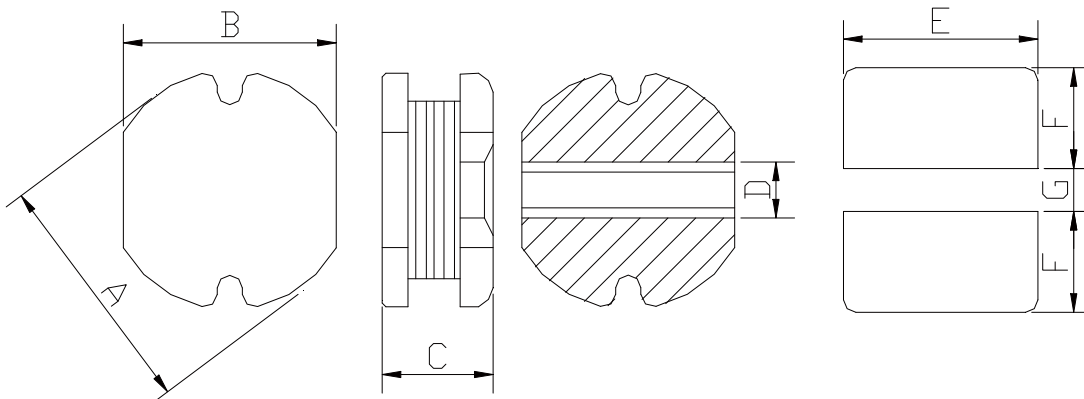
## APPLICATIONS

- ◆ 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.7850.DYF1R0MT00	1.0	100/0.25	0.010	7.5
SRCD.7850.DYF1R5MT00	1.5	100/0.25	0.012	7.2
SRCD.7850.DYF2R2MT00	2.2	100/0.25	0.014	7.0
SRCD.7850.DYF2R7MT00	2.7	100/0.25	0.015	6.7
SRCD.7850.DYF3R3MT00	3.3	100/0.25	0.017	6.2
SRCD.7850.DYF3R9MT00	3.9	100/0.25	0.019	5.8
SRCD.7850.DYF4R7MT00	4.7	100/0.25	0.023	5.4
SRCD.7850.DYF5R6MT00	5.6	100/0.25	0.028	4.9
SRCD.7850.DYF6R8MT00	6.8	100/0.25	0.031	4.5
SRCD.7850.DYF8R2MT00	8.2	100/0.25	0.039	4.0
SRCD.7850.DYF100KT00	10	100/0.25	0.044	3.5
SRCD.7850.DYF120KT00	12	100/0.25	0.050	3.3
SRCD.7850.DYF150KT00	15	100/0.25	0.063	3.2
SRCD.7850.DYF180KT00	18	100/0.25	0.077	3.0
SRCD.7850.DYF220KT00	22	100/0.25	0.085	2.7
SRCD.7850.DYF270KT00	27	100/0.25	0.100	2.5
SRCD.7850.DYF330KT00	33	100/0.25	0.120	2.3
SRCD.7850.DYF390KT00	39	100/0.25	0.145	2.0
SRCD.7850.DYF470KT00	47	100 / 0.25	0.176	1.05
SRCD.7850.DYF560KT00	56	100 / 0.25	0.208	0.93
SRCD.7850.DYF680KT00	68	100 / 0.25	0.238	0.83
SRCD.7850.DYF820KT00	82	100 / 0.25	0.273	0.78
SRCD.7850.DYF101KT00	100	100 / 0.25	0.325	0.73
SRCD.7850.DYF121KT00	120	100 / 0.25	0.390	0.65
SRCD.7850.DYF151KT00	150	100 / 0.25	0.520	0.58
SRCD.7850.DYF181KT00	180	100 / 0.25	0.598	0.51
SRCD.7850.DYF221KT00	220	100 / 0.25	0.793	0.48
SRCD.7850.DYF271KT00	270	100 / 0.25	0.884	0.40
SRCD.7850.DYF281KT00	280	100 / 0.25	1.02	0.40
SRCD.7850.DYF331KT00	330	100 / 0.25	1.13	0.39
SRCD.7850.DYF391KT00	390	100 / 0.25	1.30	0.35
SRCD.7850.DYF401KT00	400	100 / 0.25	1.43	0.34
SRCD.7850.DYF471KT00	470	100 / 0.25	1.68	0.33
SRCD.7850.DYF561KT00	560	100 / 0.25	1.90	0.30
SRCD.7850.DYF601KT00	600	100 / 0.25	2.28	0.29
SRCD.7850.DYF681KT00	680	100 / 0.25	2.47	0.27
SRCD.7850.DYF761KT00	760	100 / 0.25	2.86	0.26
SRCD.7850.DYF801KT00	800	100 / 0.25	2.96	0.25

SRCD.7850.DYF821KT00	820	100 / 0.25	2.96	0.25
SRCD.7850.DYF102KT00	1000	100 / 0.25	4.40	0.24
SRCD.7850.DYF122KT00	1200	100 / 0.25	4.77	0.22
SRCD.7850.DYF152KT00	1500	100 / 0.25	5.65	0.20
SRCD.7850.DYF202KT00	2000	100 / 0.25	7.30	0.16
SRCD.7850.DYF222KT00	2200	100 / 0.25	7.80	0.15
SRCD.7850.DYF232KT00	2300	100 / 0.25	9.10	0.15
SRCD.7850.DYF302KT00	3000	100 / 0.25	10.92	0.14
SRCD.7850.DYF332KT00	3300	100 / 0.25	13.40	0.13
SRCD.7850.DYF402KT00	4000	100 / 0.25	14.95	0.11
SRCD.7850.DYF472KT00	4700	100 / 0.25	16.20	0.09
SRCD.7850.DYF502KT00	5000	100/ 0.25	20.00	0.08
SRCD.7850.DYF822KT00	8200	100/ 0.25	33.80	0.07
SRCD.7850.DYF333KT00	33000	100 / 0.25	111.8	0.04

Note:

Tolerance: N:±30% , M:±20% , K:±10%

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