



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)

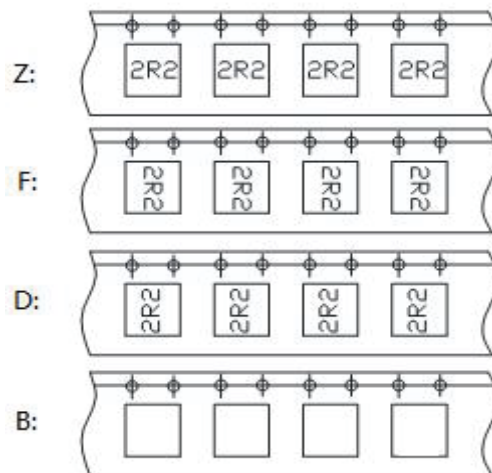
FEATURES

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

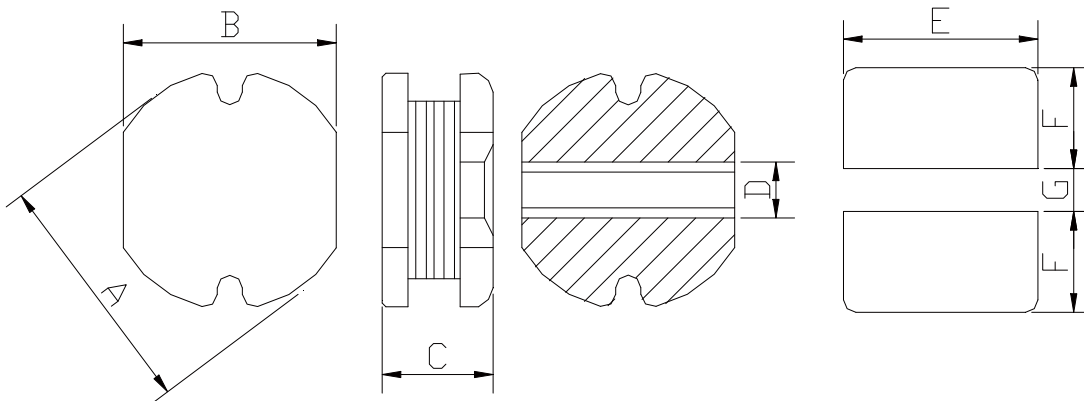
APPLICATIONS

- ◆ 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 (μ H)	Test Freq. (KHz/V)	DCR Max. (Ω)	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 (μ H)	Test Freq. (KHz/V)	DCR Max. (Ω)	IDC Max. (A)
SRCD.1054.CYF1R0MT00	1.0	100 / 0.25	0.009	8.45
SRCD.1054.CYF1R4MT00	1.4	100 / 0.25	0.014	6.80
SRCD.1054.CYF1R5MT00	1.5	100 / 0.25	0.014	6.80
SRCD.1054.CYF1R8MT00	1.8	100 / 0.25	0.016	6.50
SRCD.1054.CYF2R2MT00	2.2	100 / 0.25	0.017	6.00
SRCD.1054.CYF2R7MT00	2.7	100 / 0.25	0.018	5.50
SRCD.1054.CYF3R3MT00	3.3	100 / 0.25	0.020	5.00
SRCD.1054.CYF4R7MT00	4.7	100 / 0.25	0.022	4.60
SRCD.1054.CYF5R6MT00	5.6	100 / 0.25	0.024	4.00
SRCD.1054.CYF6R8MT00	6.8	100 / 0.25	0.026	3.60
SRCD.1054.CYF8R2MT00	8.2	100 / 0.25	0.031	3.20
SRCD.1054.CYF100KT00	10	100 / 0.25	0.033	4.00
SRCD.1054.CYF120KT00	12	100 / 0.25	0.040	2.44
SRCD.1054.CYF150KT00	15	100 / 0.25	0.046	2.26
SRCD.1054.CYF180KT00	18	100 / 0.25	0.058	2.13
SRCD.1054.CYF220KT00	22	100 / 0.25	0.066	1.93
SRCD.1054.DYF4R7MT00	4.7	100/0.25	0.027	5.00
SRCD.1054.DYF100KT00	10	100/0.25	0.039	4.00
SRCD.1054.DYF220KT00	22	100 / 0.25	0.070	1.93
SRCD.1054.DYF270KT00	27	100 / 0.25	0.084	1.74
SRCD.1054.DYF330KT00	33	100 / 0.25	0.092	1.46
SRCD.1054.DYF390KT00	39	100 / 0.25	0.125	1.36
SRCD.1054.DYF470KT00	47	100 / 0.25	0.144	1.26
SRCD.1054.DYF560KT00	56	100 / 0.25	0.159	1.15
SRCD.1054.DYF680KT00	68	100 / 0.25	0.200	1.10
SRCD.1054.DYF750KT00	75	100 / 0.25	0.220	1.08
SRCD.1054.DYF820KT00	82	100 / 0.25	0.230	0.98
SRCD.1054.DYF101KT00	100	100 / 0.25	0.260	0.95
SRCD.1054.DYF121KT00	120	100 / 0.25	0.351	0.87
SRCD.1054.DYF151KT00	150	100 / 0.25	0.403	0.74
SRCD.1054.DYF171KT00	170	100 / 0.25	0.455	0.72
SRCD.1054.DYF181KT00	180	100 / 0.25	0.494	0.70
SRCD.1054.DYF201KT00	200	100 / 0.25	0.545	0.68
SRCD.1054.DYF221KT00	220	100 / 0.25	0.572	0.65
SRCD.1054.DYF271KT00	270	100 / 0.25	0.728	0.54
SRCD.1054.DYF331KT00	330	100 / 0.25	0.845	0.50
SRCD.1054.DYF391KT00	390	100 / 0.25	1.04	0.46
SRCD.1054.DYF471KT00	470	100 / 0.25	1.18	0.45

SR CD.1054.DYF561KT00	560	100 / 0.25	1.42	0.40
SR CD.1054.DYF601KT00	600	100 / 0.25	1.62	0.38
SR CD.1054.DYF681KT00	680	100 / 0.25	1.99	0.28
SR CD.1054.DYF821KT00	820	100 / 0.25	2.03	0.24
SR CD.1054.DYF102KT00	1000	100 / 0.25	2.47	0.22
SR CD.1054.DYF122KT00	1200	100 / 0.25	3.12	0.21
SR CD.1054.DYF152KT00	1500	100 / 0.25	4.36	0.20
SR CD.1054.DYF222KT00	2200	100 / 0.25	5.68	0.17
SR CD.1054.DYF302KT00	3000	100 / 0.25	7.80	0.16

Note:

Tolerance: N:±30% , M:±20% , K:±10%

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