

SSL series

FEATURES

1. Excellent solderability and high heat resistance.
2. Low cost and packed in embossed carrier tape.
3. The products contain no lead and also support lead-free soldering



APPLICATIONS

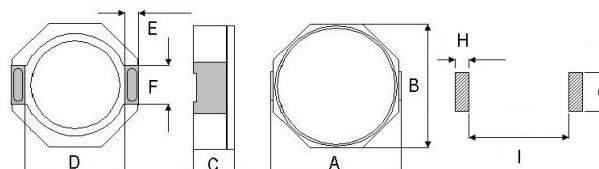
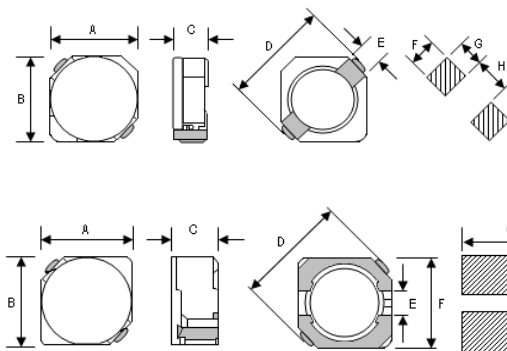
- Ideal use in notebook, hard disk and other electronic equipment.

PARTNUMBER

SSL	2D11	—	100	M	F	V
A	B		C	D	E	F

A : Series
 B : Dimension
 C : Inductance
 D : Inductance Tolerance M=±20% N=±30%
 E : Lead Free Code
 F : ID Code

DIMENSIONS



size	A	B	C	D	E	F	G	H	I	Fig
SSL-2D14	3.20±0.3	3.20±0.3	1.55 max	4.5 max	1.00 typ	1.30	1.30	1.70	-	1
SSL-3D16	3.80±0.3	3.80±0.3	1.80 max	5.20 max	1.00 typ	1.20	4.30	1.60	1.20	2
SSL-4D18	4.70±0.3	4.70±0.3	2.00 max	6.90 max	1.50 typ	1.50	5.30	1.90	1.50	2
SSL-4D28	4.70±0.3	4.70±0.3	3.00 max	6.90 max	1.50 typ	1.50	5.30	1.90	1.50	2
SSL-5D18	5.70±0.3	5.70±0.3	2.00 max	8.20 max	2.00 typ	2.00	6.30	2.15	2.00	2
SSL-5D28	5.70±0.3	5.70±0.3	3.00 max	8.20 max	2.00 typ	2.00	6.30	2.15	2.00	2
SSL-6D28	6.70±0.3	6.70±0.3	3.00 max	9.50 max	2.00 typ	2.00	7.30	2.65	2.00	2
SSL-6D38	6.70±0.3	6.70±0.3	4.00 max	9.50 max	2.00 typ	2.00	7.30	2.65	2.00	2
SSL-8D43	8.00±0.3	8.00±0.3	4.50 max	6.30 max	1.20 typ	4.00	2.80	2.00	6.10	3



Power Inductor

SMD /Shielded Type



SSL 2D14

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL2D14-1R5Y	1.5±30%	0.1V/100K	0.063	1.80
SSL2D14-1R8Y	1.8±30%	0.1V/100K	0.075	1.65
SSL2D14-2R2Y	2.2±30%	0.1V/100K	0.094	1.50
SSL2D14-2R7Y	2.7±30%	0.1V/100K	0.106	1.35
SSL2D14-3R3Y	3.3±30%	0.1V/100K	0.125	1.20
SSL2D14-3R9Y	3.9±30%	0.1V/100K	0.138	1.10
SSL2D14-4R7Y	4.7±30%	0.1V/100K	0.169	1.00
SSL2D14-5R6Y	5.6±30%	0.1V/100K	0.188	0.95
SSL2D14-6R8Y	6.8±30%	0.1V/100K	0.213	0.85
SSL2D14-8R2Y	8.2±30%	0.1V/100K	0.281	0.80
SSL2D14-100Y	10±30%	0.1V/100K	0.294	0.70
SSL2D14-120Y	12±30%	0.1V/100K	0.394	0.62

SSL 2D18

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL2D18-2R2Y	2.2±30%	0.1V/100K	0.041	0.85
SSL2D18-3R3Y	3.3±30%	0.1V/100K	0.054	0.75
SSL2D18-4R7Y	4.7±30%	0.1V/100K	0.078	0.63
SSL2D18-6R8Y	6.8±30%	0.1V/100K	0.106	0.52
SSL2D18-100Y	10±30%	0.1V/100K	0.180	0.43
SSL2D18-150Y	15±30%	0.1V/100K	0.220	0.35
SSL2D18-220Y	22±30%	0.1V/100K	0.320	0.30
SSL2D18-330Y	33±30%	0.1V/100K	0.460	0.24
SSL2D18-470Y	47±30%	0.1V/100K	0.660	0.20

SSL 3D16

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL3D16-3R3Y	3.3±30%	0.1V/100K	0.066	0.80
SSL3D16-3R9Y	3.9±30%	0.1V/100K	0.081	0.75
SSL3D16-4R7Y	4.7±30%	0.1V/100K	0.091	0.68
SSL3D16-5R6Y	5.6±30%	0.1V/100K	0.102	0.62
SSL3D16-6R8Y	6.8±30%	0.1V/100K	0.130	0.58
SSL3D16-8R2Y	8.2±30%	0.1V/100K	0.140	0.51
SSL3D16-100Y	10±30%	0.1V/100K	0.190	0.46
SSL3D16-120Y	12±30%	0.1V/100K	0.205	0.42
SSL3D16-150Y	15±30%	0.1V/100K	0.272	0.38
SSL3D16-180Y	18±30%	0.1V/100K	0.327	0.34
SSL3D16-220Y	22±30%	0.1V/100K	0.356	0.31
SSL3D16-270Y	27±30%	0.1V/100K	0.470	0.28
SSL3D16-330Y	33±30%	0.1V/100K	0.560	0.26
SSL3D16-390Y	39±30%	0.1V/100K	0.700	0.24
SSL3D16-470Y	47±30%	0.1V/100K	0.775	0.21

SSL 4D18

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL4D18-1R0Y	1.0±30%	0.1V/100K	0.045	1.72
SSL4D18-2R2Y	2.2±30%	0.1V/100K	0.075	1.32
SSL4D18-2R7Y	2.7±30%	0.1V/100K	0.105	1.28
SSL4D18-3R3Y	3.3±30%	0.1V/100K	0.110	1.04
SSL4D18-3R9Y	3.9±30%	0.1V/100K	0.155	0.88
SSL4D18-4R7Y	4.7±30%	0.1V/100K	0.162	0.84
SSL4D18-5R6Y	5.6±30%	0.1V/100K	0.170	0.80
SSL4D18-6R8Y	6.8±30%	0.1V/100K	0.200	0.76
SSL4D18-8R2Y	8.2±30%	0.1V/100K	0.245	0.68
SSL4D18-100Y	10±30%	0.1V/100K	0.200	0.61
SSL4D18-120Y	12±30%	0.1V/100K	0.210	0.56
SSL4D18-150Y	15±30%	0.1V/100K	0.240	0.50
SSL4D18-180Y	18±30%	0.1V/100K	0.338	0.48
SSL4D18-220Y	22±30%	0.1V/100K	0.397	0.41
SSL4D18-270Y	27±30%	0.1V/100K	0.441	0.35
SSL4D18-330Y	33±30%	0.1V/100K	0.694	0.32
SSL4D18-390Y	39±30%	0.1V/100K	0.709	0.30
SSL4D18-470Y	47±30%	0.1V/100K	0.922	0.28
SSL4D18-560Y	56±30%	0.1V/100K	1.080	0.26
SSL4D18-680Y	68±30%	0.1V/100K	1.300	0.24
SSL4D18-820Y	82±30%	0.1V/100K	1.550	0.22
SSL4D18-101Y	100±30%	0.1V/100K	1.730	0.20

SSL 4D28

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL4D28-1R2Y	1.2±30%	0.1V/100K	0.024	2.56
SSL4D28-1R8Y	1.8±30%	0.1V/100K	0.028	2.20
SSL4D28-2R2Y	2.2±30%	0.1V/100K	0.031	2.04
SSL4D28-2R7Y	2.7±30%	0.1V/100K	0.043	1.60
SSL4D28-3R3Y	3.3±30%	0.1V/100K	0.049	1.57
SSL4D28-3R9Y	3.9±30%	0.1V/100K	0.065	1.44
SSL4D28-4R7Y	4.7±30%	0.1V/100K	0.072	1.32
SSL4D28-5R6Y	5.6±30%	0.1V/100K	0.101	1.17
SSL4D28-6R8Y	6.8±30%	0.1V/100K	0.109	1.12
SSL4D28-8R2Y	8.2±30%	0.1V/100K	0.118	1.04
SSL4D28-100Y	10±30%	0.1V/100K	0.128	1.00
SSL4D28-120Y	12±30%	0.1V/100K	0.132	0.84



Power Inductor

SMD /Shielded Type



SSL 4D28

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL4D28-150Y	15±30%	0.1V/100K	0.149	0.76
SSL4D28-180Y	18±30%	0.1V/100K	0.166	0.72
SSL4D28-220Y	22±30%	0.1V/100K	0.235	0.70
SSL4D28-270Y	27±30%	0.1V/100K	0.261	0.58
SSL4D28-330Y	33±30%	0.1V/100K	0.378	0.56
SSL4D28-390Y	39±30%	0.1V/100K	0.384	0.50
SSL4D28-680Y	68±30%	0.1V/100K	0.699	0.35
SSL4D28-820Y	82±30%	0.1V/100K	0.915	0.32
SSL4D28-101Y	100±30%	0.1V/100K	1.020	0.29
SSL4D28-121Y	120±30%	0.1V/100K	1.270	0.27
SSL4D28-151Y	150±30%	0.1V/100K	1.350	0.24
SSL4D28-181Y	180±30%	0.1V/100K	1.540	0.22
SSL4D28-221Y	220±30%	0.1V/100K	1.720	0.20
SSL4D28-271Y	270±30%	0.1V/100K	1.950	0.16
SSL4D28-331Y	330±30%	0.1V/100K	2.660	0.14
SSL4D28-391Y	390±30%	0.1V/100K	2.830	0.13

SSL 5D18

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL5D18-4R1Y	4.1±30%	0.1V/100K	0.057	1.95
SSL5D18-5R4Y	5.4±30%	0.1V/100K	0.076	1.60
SSL5D18-6R2Y	6.2±30%	0.1V/100K	0.096	1.40
SSL5D18-8R9Y	8.9±30%	0.1V/100K	0.116	1.25
SSL5D18-100Y	10.0±30%	0.1V/100K	0.124	1.20
SSL5D18-120Y	12.0±30%	0.1V/100K	0.153	1.10
SSL5D18-150Y	15.0±30%	0.1V/100K	0.196	0.97
SSL5D18-180Y	180±30%	0.1V/100K	0.210	0.85
SSL5D18-220Y	220±30%	0.1V/100K	0.290	0.80
SSL5D18-270Y	270±30%	0.1V/100K	0.330	0.75
SSL5D18-330Y	330±30%	0.1V/100K	0.386	0.65
SSL5D18-390Y	390±30%	0.1V/100K	0.520	0.57
SSL5D18-470Y	47±30%	0.1V/100K	0.595	0.54
SSL5D18-560Y	56±30%	0.1V/100K	0.665	0.50
SSL5D18-680Y	68±30%	0.1V/100K	0.840	0.43
SSL5D18-820Y	82±30%	0.1V/100K	0.978	0.41
SSL5D18-101Y	100±30%	0.1V/100K	1.200	0.36
SSL5D18-121Y	120±30%	0.1V/100K	1.500	0.33
SSL5D18-151Y	150±30%	0.1V/100K	1.710	0.31
SSL5D18-181Y	180±30%	0.1V/100K	2.240	0.28
SSL5D18-221Y	220±30%	0.1V/100K	2.440	0.23
SSL5D18-331Y	330±30%	0.1V/100K	4.430	0.18

SSL 5D28

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL5D28-2R6Y	2.6±30%	0.1V/100K	0.018	2.60
SSL5D28-3R0Y	3.0±30%	0.1V/100K	0.024	2.40
SSL5D28-4R2Y	4.2±30%	0.1V/100K	0.031	2.20
SSL5D28-5R3Y	5.3±30%	0.1V/100K	0.038	1.90
SSL5D28-6R2Y	6.2±30%	0.1V/100K	0.045	1.80
SSL5D28-8R2Y	8.2±30%	0.1V/100K	0.053	1.60
SSL5D28-100Y	10±30%	0.1V/100K	0.065	1.30
SSL5D28-120Y	12±30%	0.1V/100K	0.076	1.20
SSL5D28-150Y	15±30%	0.1V/100K	0.103	1.10
SSL5D28-180Y	18±30%	0.1V/100K	0.110	1.00
SSL5D28-220Y	22±30%	0.1V/100K	0.122	0.90
SSL5D28-270Y	27±30%	0.1V/100K	0.175	0.85
SSL5D28-330Y	33±30%	0.1V/100K	0.189	0.75
SSL5D28-390Y	39±30%	0.1V/100K	0.212	0.70

SSL 5D28

BW Part Number	Inductance (μ H) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL5D28-470Y	47 $\pm$ 30%	0.1V/100K	0.260	0.62
SSL5D28-560Y	56 $\pm$ 30%	0.1V/100K	0.305	0.58
SSL5D28-680Y	68 $\pm$ 30%	0.1V/100K	0.355	0.52
SSL5D28-820Y	82 $\pm$ 30%	0.1V/100K	0.463	0.46
SSL5D28-101Y	100 $\pm$ 30%	0.1V/100K	0.520	0.42
SSL5D28-121Y	120 $\pm$ 30%	0.1V/100K	0.560	0.40
SSL5D28-151Y	150 $\pm$ 30%	0.1V/100K	0.680	0.35
SSL5D28-181Y	180 $\pm$ 30%	0.1V/100K	0.930	0.32
SSL5D28-221Y	220 $\pm$ 30%	0.1V/100K	1.150	0.30
SSL5D28-271Y	270 $\pm$ 30%	0.1V/100K	1.560	0.27
SSL5D28-331Y	330 $\pm$ 30%	0.1V/100K	1.980	0.25
SSL5D28-391Y	390 $\pm$ 30%	0.1V/100K	2.500	0.22
SSL5D28-471Y	470 $\pm$ 30%	0.1V/100K	2.700	0.20
SSL5D28-561Y	560 $\pm$ 30%	0.1V/100K	3.120	0.18
SSL5D28-681Y	680 $\pm$ 30%	0.1V/100K	4.150	0.16

SSL 6D28

BW Part Number	Inductance (μ H) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL6D28-3R0Y	3.0 $\pm$ 30%	0.1V/100K	0.024	3.00
SSL6D28-3R9Y	3.9 $\pm$ 30%	0.1V/100K	0.027	2.60
SSL6D28-5R0Y	5.0 $\pm$ 30%	0.1V/100K	0.031	2.40
SSL6D28-6R0Y	6.0 $\pm$ 30%	0.1V/100K	0.035	2.25
SSL6D28-7R3Y	7.3 $\pm$ 30%	0.1V/100K	0.054	2.10
SSL6D28-8R6Y	8.6 $\pm$ 30%	0.1V/100K	0.058	1.85
SSL6D28-100Y	10 $\pm$ 30%	0.1V/100K	0.065	1.70
SSL6D28-120Y	12 $\pm$ 30%	0.1V/100K	0.070	1.55
SSL6D28-150Y	15 $\pm$ 30%	0.1V/100K	0.084	1.40
SSL6D28-180Y	18 $\pm$ 30%	0.1V/100K	0.095	1.32
SSL6D28-220Y	22 $\pm$ 30%	0.1V/100K	0.128	1.20
SSL6D28-270Y	27 $\pm$ 30%	0.1V/100K	0.142	1.05
SSL6D28-330Y	33 $\pm$ 30%	0.1V/100K	0.165	0.97
SSL6D28-390Y	39 $\pm$ 30%	0.1V/100K	0.210	0.86
SSL6D28-470Y	47 $\pm$ 30%	0.1V/100K	0.238	0.80
SSL6D28-560Y	56 $\pm$ 30%	0.1V/100K	0.277	0.73
SSL6D28-680Y	68 $\pm$ 30%	0.1V/100K	0.304	0.65
SSL6D28-820Y	82 $\pm$ 30%	0.1V/100K	0.390	0.60
SSL6D28-101Y	100 $\pm$ 30%	0.1V/100K	0.535	0.54
SSL6D28-121Y	120 $\pm$ 30%	0.1V/100K	0.750	0.51
SSL6D28-151Y	150 $\pm$ 30%	0.1V/100K	0.950	0.47
SSL6D28-181Y	180 $\pm$ 30%	0.1V/100K	1.200	0.41
SSL6D28-221Y	220 $\pm$ 30%	0.1V/100K	1.500	0.37
SSL6D28-271Y	270 $\pm$ 30%	0.1V/100K	1.700	0.33
SSL6D28-331Y	330 $\pm$ 30%	0.1V/100K	2.150	0.28
SSL6D28-391Y	390 $\pm$ 30%	0.1V/100K	2.250	0.27
SSL6D28-471Y	470 $\pm$ 30%	0.1V/100K	3.150	0.21
SSL6D28-561Y	560 $\pm$ 30%	0.1V/100K	3.750	0.20
SSL6D28-681Y	680 $\pm$ 30%	0.1V/100K	5.150	0.20



Power Inductor

SMD /Shielded Type



SSL 6D38

BW Part Number	Inductance (μH) Tolerance	Test Frequency (Hz)	DCR (Ω) max.	Rated Current (A)
SSL6D38-3R3Y	3.3±30%	0.1V/100K	0.020	3.5
SSL6D38-5R0Y	5.0±30%	0.1V/100K	0.024	2.9
SSL6D38-6R2Y	6.2±30%	0.1V/100K	0.027	2.5
SSL6D38-7R4Y	7.4±30%	0.1V/100K	0.031	2.3
SSL6D38-8R7Y	8.7±30%	0.1V/100K	0.034	2.2
SSL6D38-100Y	10±30%	0.1V/100K	0.038	2.0
SSL6D38-120Y	12±30%	0.1V/100K	0.053	1.7
SSL6D38-150Y	15±30%	0.1V/100K	0.057	1.6
SSL6D38-180Y	18±30%	0.1V/100K	0.092	1.5
SSL6D38-220Y	22±30%	0.1V/100K	0.095	1.3
SSL6D28-270Y	27±30%	0.1V/100K	0.109	1.2
SSL6D38-330Y	33±30%	0.1V/100K	0.124	1.1
SSL6D38-390Y	39±30%	0.1V/100K	0.138	1.0
SSL6D38-470Y	47±30%	0.1V/100K	0.155	0.95
SSL6D38-560Y	56±30%	0.1V/100K	0.202	0.85
SSL6D38-680Y	68±30%	0.1V/100K	0.234	0.75
SSL6D38-820Y	82±30%	0.1V/100K	0.324	0.70
SSL6D38-101Y	100±30%	0.1V/100K	0.358	0.65
SSL6D38-121Y	120±30%	0.1V/100K	0.470	0.59
SSL6D38-151Y	150±30%	0.1V/100K	0.580	0.54
SSL6D38-181Y	180±30%	0.1V/100K	0.690	0.49
SSL6D38-221Y	220±30%	0.1V/100K	0.890	0.43
SSL6D38-270Y	270±30%	0.1V/100K	1.290	0.40
SSL6D38-331Y	330±30%	0.1V/100K	1.700	0.37
SSL6D38-391Y	390±30%	0.1V/100K	1.750	0.34
SSL6D38-471Y	470±30%	0.1V/100K	2.200	0.32
SSL6D38-561Y	560±30%	0.1V/100K	2.850	0.29
SSL6D38-681Y	680±30%	0.1V/100K	3.200	0.25
SSL6D38-821Y	820±30%	0.1V/100K	4.050	0.22
SSL6D38-102Y	1000±30%	0.1V/100K	5.700	0.20