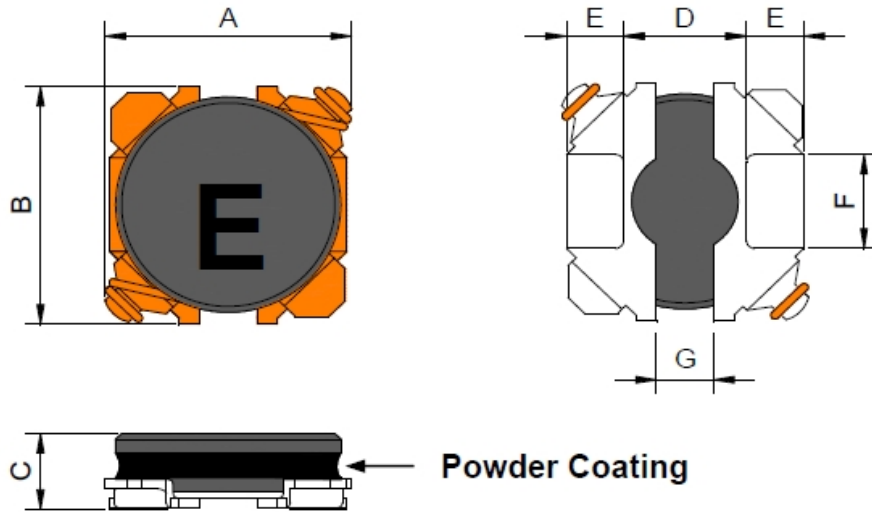
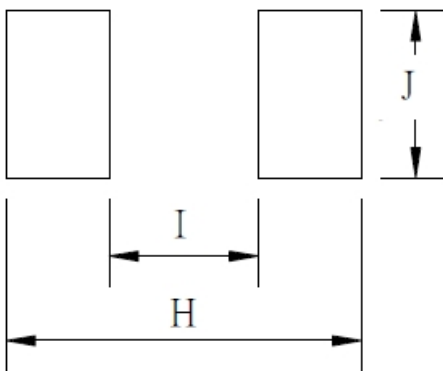


Dimension:



Part No.	A	B	C	D	E	F	G
DLJ 3010	2.9 ± 0.2	2.9 ± 0.2	1.0 Max.	1.5 Typ.	0.7 Typ.	1.2 Typ.	0.7 Typ.
DLJ 3012	2.9 ± 0.2	2.9 ± 0.2	1.2 Max.	1.5 Typ.	0.7 Typ.	1.2 Typ.	0.7 Typ.
DLJ 3015	2.9 ± 0.2	2.9 ± 0.2	1.5 Max.	1.5 Typ.	0.7 Typ.	1.2 Typ.	0.7 Typ.
DLJ 3020	2.9 ± 0.2	2.9 ± 0.2	2.0 Max.	1.5 Typ.	0.7 Typ.	1.2 Typ.	0.7 Typ.
DLJ 4010	3.9 ± 0.2	3.9 ± 0.2	1.0 Max.	2.1 Typ.	0.9 Typ.	1.6 Typ.	1.1 Typ.
DLJ 4012	3.9 ± 0.2	3.9 ± 0.2	1.2 Max.	2.1 Typ.	0.9 Typ.	1.6 Typ.	1.1 Typ.
DLJ 4015	3.9 ± 0.2	3.9 ± 0.2	1.5 Max.	2.1 Typ.	0.9 Typ.	1.6 Typ.	1.1 Typ.
DLJ 4018	3.9 ± 0.2	3.9 ± 0.2	1.8 Max.	2.1 Typ.	0.9 Typ.	1.6 Typ.	1.1 Typ.
DLJ 5010	4.9 ± 0.2	4.9 ± 0.2	1.0 Max.	2.7 Typ.	1.1 Typ.	2.0 Typ.	1.5 Typ.
DLJ 5012	4.9 ± 0.2	4.9 ± 0.2	1.2 Max.	2.7 Typ.	1.1 Typ.	2.0 Typ.	1.5 Typ.
DLJ 5015	4.9 ± 0.2	4.9 ± 0.2	1.5 Max.	2.7 Typ.	1.1 Typ.	2.0 Typ.	1.5 Typ.
DLJ 5020	4.9 ± 0.2	4.9 ± 0.2	2.0 Max.	2.7 Typ.	1.1 Typ.	2.0 Typ.	1.5 Typ.



LAND PATTERNS(mm)

Part No.	H	I	J
DLJ 3010	3.4	1.4	1.6
DLJ 3012	3.4	1.4	1.6
DLJ 3015	3.4	1.4	1.6
DLJ 3020	3.4	1.4	1.6
DLJ 4010	4.4	2.0	2.0
DLJ 4012	4.4	2.0	2.0
DLJ 4015	4.4	2.0	2.0
DLJ 4018	4.4	2.0	2.0
DLJ 5010	5.4	2.5	2.4
DLJ 5012	5.4	2.5	2.4
DLJ 5015	5.4	2.5	2.4
DLJ 5020	5.4	2.5	2.4

Electrical Characteristics:

No.	Part No.	L (μH)	RDC $\pm 20\%$ (Ω)	Isat Max (A)	Irms Max (A)	Marking
1	DLJ 3010-1R2N-F	1.2	0.072	1.30	1.60	B
2	DLJ 3010-1R5N-F	1.5	0.086	1.10	1.45	C
3	DLJ 3010-2R2N-F	2.2	0.12	0.95	1.25	E
4	DLJ 3010-3R3N-F	3.3	0.17	0.80	1.00	G
5	DLJ 3010-4R7M-F	4.7	0.25	0.65	0.85	I
6	DLJ 3010-5R6M-F	5.6	0.30	0.60	0.78	J
7	DLJ 3010-6R8M-F	6.8	0.35	0.55	0.70	K
8	DLJ 3010-100M-F	10	0.49	0.45	0.60	M
9	DLJ 3010-150M-F	15	0.68	0.38	0.50	O
10	DLJ 3010-220M-F	22	1.00	0.33	0.40	Q
1	DLJ 3012-R68N-F	0.68	0.044	2.10	1.85	8
2	DLJ 3012-1R0N-F	1.0	0.053	1.90	1.70	A
3	DLJ 3012-1R2N-F	1.2	0.053	1.90	1.70	B
4	DLJ 3012-1R5N-F	1.5	0.067	1.70	1.55	C
5	DLJ 3012-2R2N-F	2.2	0.093	1.30	1.40	E
6	DLJ 3012-3R3N-F	3.3	0.13	1.10	1.20	G
7	DLJ 3012-4R7M-F	4.7	0.19	0.95	0.95	I
8	DLJ 3012-6R8M-F	6.8	0.26	0.80	0.80	K
9	DLJ 3012-100M-F	10	0.36	0.65	0.67	M
10	DLJ 3012-150M-F	15	0.53	0.55	0.56	O
11	DLJ 3012-220M-F	22	0.79	0.45	0.41	Q
12	DLJ 3012-330M-F	33	1.14	0.36	0.31	S
13	DLJ 3012-470M-F	47	1.53	0.30	0.22	U
1	DLJ 3015-R68N-F	0.68	0.038	3.40	2.00	8
2	DLJ 3015-1R0N-F	1.0	0.044	3.00	1.85	A
3	DLJ 3015-1R2N-F	1.2	0.055	2.50	1.70	B
4	DLJ 3015-1R5N-F	1.5	0.071	2.20	1.55	C
5	DLJ 3015-1R8N-F	1.8	0.079	2.00	1.45	D
6	DLJ 3015-2R2N-F	2.2	0.099	1.90	1.35	E
7	DLJ 3015-3R3N-F	3.3	0.12	1.60	1.25	G
8	DLJ 3015-4R7M-F	4.7	0.18	1.30	1.05	I
9	DLJ 3015-6R8M-F	6.8	0.22	1.10	0.95	K
10	DLJ 3015-100M-F	10	0.33	0.95	0.75	M
11	DLJ 3015-220M-F	22	0.78	0.65	0.42	Q
12	DLJ 3015-470M-F	47	1.68	0.40	0.26	U
1	DLJ 3020-1R0N-F	1.0	0.051	3.60	1.75	A
2	DLJ 3020-1R5N-F	1.5	0.072	2.90	1.55	C
3	DLJ 3020-2R2N-F	2.2	0.089	2.50	1.40	E
4	DLJ 3020-3R3N-F	3.3	0.13	1.90	1.20	G

5	DLJ 3020-4R7M-F	4.7	0.17	1.60	1.05	I
6	DLJ 3020-6R8M-F	6.8	0.26	1.30	0.88	K
7	DLJ 3020-100M-F	10	0.36	1.10	0.73	M
8	DLJ 3020-150M-F	15	0.57	0.90	0.57	O
9	DLJ 3020-220M-F	22	0.89	0.74	0.40	Q
10	DLJ 3020-330M-F	33	1.10	0.62	0.36	S
11	DLJ 3020-470M-F	47	1.71	0.50	0.25	U

Test Frequency is 100KHz/0.1V specify the inductance tolerance : M = $\pm 20\%$, N = $\pm 30\%$.

Isat : Based on inductance change ($\Delta L/L_0 : \leq -30\%$) @ ambient temp. 25°C

Irms : Based on temperature rise ($\Delta T : 40^\circ\text{C TYP.}$)

No.	Part No.	L (μH)	RDC $\pm 20\%$ (Ω)	Isat Max (A)	Irms Max (A)	Marking
1	DLJ 4010-1R0N-F	1.0	0.056	1.40	1.70	3A
2	DLJ 4010-1R5N-F	1.5	0.072	1.20	1.60	3C
3	DLJ 4010-2R2N-F	2.2	0.084	1.10	1.55	3E
4	DLJ 4010-3R3N-F	3.3	0.11	0.90	1.35	3G
5	DLJ 4010-4R7M-F	4.7	0.16	0.80	1.15	3I
6	DLJ 4010-6R8M-F	6.8	0.23	0.65	0.90	3K
7	DLJ 4010-100M-F	10	0.31	0.50	0.75	3M
8	DLJ 4010-150M-F	15	0.41	0.45	0.65	3O
9	DLJ 4010-220M-F	22	0.66	0.40	0.50	3Q
10	DLJ 4010-330M-F	33	0.98	0.30	0.38	3S
11	DLJ 4010-470M-F	47	1.23	0.25	0.33	3U
1	DLJ 4012-1R0N-F	1.0	0.042	2.30	1.90	3A
2	DLJ 4012-1R5N-F	1.5	0.057	1.90	1.70	3C
3	DLJ 4012-2R2N-F	2.2	0.09	1.50	1.55	3E
4	DLJ 4012-3R3N-F	3.3	0.10	1.30	1.40	3G
5	DLJ 4012-4R7M-F	4.7	0.13	1.10	1.25	3I
6	DLJ 4012-6R8M-F	6.8	0.18	0.95	1.05	3K
7	DLJ 4012-100M-F	10	0.28	0.75	0.80	3M
8	DLJ 4012-150M-F	15	0.39	0.65	0.70	3O
9	DLJ 4012-220M-F	22	0.53	0.55	0.60	3Q
10	DLJ 4012-330M-F	33	0.85	0.45	0.40	3S
11	DLJ 4012-470M-F	47	1.14	0.38	0.35	3U
1	DLJ 4015-1R0N-F	1.0	0.048	3.60	1.85	3A
2	DLJ 4015-1R5N-F	1.5	0.057	2.90	1.70	3C
3	DLJ 4015-2R2N-F	2.2	0.086	2.50	1.60	3E
4	DLJ 4015-3R3N-F	3.3	0.094	2.20	1.45	3G
5	DLJ 4015-4R7M-F	4.7	0.12	1.90	1.30	3I

6	DLJ 4015-100M-F	10	0.23	1.10	0.95	3M
1	DLJ 4018-1R0N-F	1.0	0.050	4.70	1.85	3A
2	DLJ 4018-1R5N-F	1.5	0.060	3.70	1.70	3C
3	DLJ 4018-1R8N-F	1.8	0.065	3.40	1.65	3D
4	DLJ 4018-2R2M-F	2.2	0.074	3.20	1.60	3E
5	DLJ 4018-3R3M-F	3.3	0.097	2.70	1.45	3G
6	DLJ 4018-4R7M-F	4.7	0.12	2.20	1.30	3I
7	DLJ 4018-6R8M-F	6.8	0.17	1.80	1.15	3K
8	DLJ 4018-100M-F	10	0.24	1.50	1.00	3M

Test Frequency is 100KHz/0.1V

specify the inductance tolerance : M = $\pm 20\%$, N = $\pm 30\%$.

Isat : Based on inductance change ($\Delta L/L_0$: $\leq -30\%$) @ ambient temp. 25°C

Irms : Based on temperature rise (ΔT : 40°C TYP.)

No.	Part No.	L (μH)	RDC $\pm 20\%$ (Ω)	Isat Max (A)	Irms Max (A)	Marking
1	DLJ 5010-1R0N-F	1.0	0.054	1.80	2.00	1R0
2	DLJ 5010-1R5N-F	1.5	0.067	1.50	1.80	1R5
3	DLJ 5010-2R2N-F	2.2	0.081	1.20	1.70	2R2
4	DLJ 5010-3R3N-F	3.3	0.096	1.05	1.60	3R3
5	DLJ 5010-4R7M-F	4.7	0.14	0.80	1.35	4R7
6	DLJ 5010-6R8M-F	6.8	0.18	0.70	1.20	6R8
7	DLJ 5010-100M-F	10	0.22	0.65	1.10	100
8	DLJ 5010-150M-F	15	0.31	0.53	0.93	150
9	DLJ 5010-220M-F	22	0.45	0.47	0.75	220
10	DLJ 5010-330M-F	33	0.68	0.35	0.57	330
11	DLJ 5010-470M-F	47	1.10	0.30	0.45	470
1	DLJ 5012-2R2N-F	2.2	0.072	1.90	1.80	2R2
2	DLJ 5012-3R3N-F	3.3	0.083	1.60	1.65	3R3
3	DLJ 5012-4R7M-F	4.7	0.13	1.40	1.40	4R7
4	DLJ 5012-6R8M-F	6.8	0.16	1.10	1.25	6R8
5	DLJ 5012-100M-F	10	0.25	0.90	1.05	100
1	DLJ 5015-1R0N-F	1.0	0.052	3.50	2.05	1R0
2	DLJ 5015-1R5N-F	1.5	0.061	2.80	1.90	1R5
3	DLJ 5015-2R2N-F	2.2	0.071	2.50	1.75	2R2
4	DLJ 5015-3R3N-F	3.3	0.09	2.00	1.65	3R3
5	DLJ 5015-4R7M-F	4.7	0.10	1.80	1.55	4R7
6	DLJ 5015-6R8M-F	6.8	0.14	1.50	1.35	6R8
7	DLJ 5015-100M-F	10	0.21	1.20	1.10	100
8	DLJ 5015-150M-F	15	0.28	0.95	0.97	150
9	DLJ 5015-220M-F	22	0.40	0.80	0.79	220
10	DLJ 5015-330M-F	33	0.61	0.62	0.60	330
11	DLJ 5015-470M-F	47.0	0.850	0.55	0.51	470
1	DLJ 5020-1R0N-F	1.0	0.048	5.60	2.10	1R0
2	DLJ 5020-1R2N-F	1.2	0.058	4.70	1.95	1R2
3	DLJ 5020-1R5N-F	1.5	0.07	4.20	1.80	1R5
4	DLJ 5020-2R2N-F	2.2	0.08	3.40	1.70	2R2
5	DLJ 5020-3R3N-F	3.3	0.09	2.80	1.65	3R3
6	DLJ 5020-3R9N-F	3.9	0.10	2.60	1.60	3R9
7	DLJ 5020-4R7M-F	4.7	0.11	2.40	1.50	4R7
8	DLJ 5020-6R8M-F	6.8	0.14	2.20	1.35	6R8
9	DLJ 5020-100M-F	10	0.17	2.00	1.20	100
10	DLJ 5020-150M-F	15	0.23	1.50	1.05	150
11	DLJ 5020-220M-F	22	0.35	1.20	0.85	220
12	DLJ 5020-330M-F	33	0.48	1.00	0.70	330
13	DLJ 5020-470M-F	47	0.67	0.90	0.55	470

Test Frequency is 100KHz/0.1V

specify the inductance tolerance : M = $\pm 20\%$, N = $\pm 30\%$.

Isat : Based on inductance change ($\Delta L/L_0 : \leq -30\%$) @ ambient temp. 25°C

Ims : Based on temperature rise ($\Delta T : 40^\circ\text{C}$ TYP.)