

**Application Field**

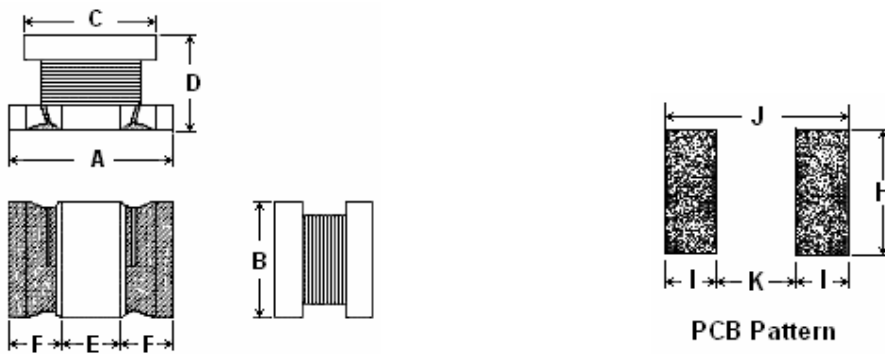
- Personal computers.
- Disk Drives and computer peripherals.
- Pagers, Cordless phone.
- DC Power supply circuit.



**Features**

- Low DC resistance, High current capacity and reflow soldering methods can be employed.
- Excellent solder heat resistance, Both flow and reflow soldering methods can be employed.

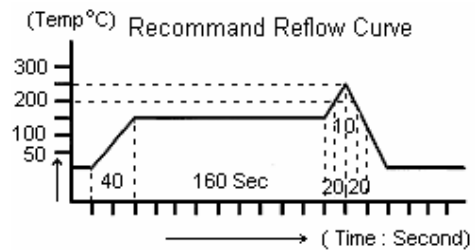
**Dimensions and footprint (unit:mm)**



Type	A	B	C	D	E min	F min	I	J	H	K
SDI 201514	2.0 ± 0.3	1.5 ± 0.3	1.5 ± 0.3	1.4 ± 0.4	0.5	1.0	0.95	2.7	2.1	0.8
SDI 201607	2.0 ± 0.3	1.6 ± 0.3	2.0 ± 0.3	0.65 ± 0.3	0.6	0.8	1.0	2.6	2.2	0.6
SDI 201609	2.0 ± 0.3	1.6 ± 0.3	2.0 ± 0.3	0.9 ± 0.2	0.6	0.8	1.0	2.6	2.2	0.6
SDI 252016	2.5 ± 0.3	2.0 ± 0.3	2.0 ± 0.3	1.6 ± 0.2	0.6	1.3	1.05	3.2	2.6	1.1
SDI 252018	2.5 ± 0.3	2.0 ± 0.3	2.0 ± 0.3	1.8 ± 0.4	0.6	1.2	1.05	3.2	2.6	1.1
SDI 321618	3.2 ± 0.3	1.6 ± 0.2	2.3 ± 0.2	1.8 ± 0.4	1.3	0.9	1.45	3.9	3.0	1.0
SDI 322516	3.2 ± 0.3	2.5 ± 0.2	2.5 ± 0.2	1.55 ± 0.2	1.3	0.9	1.45	3.9	3.0	1.0
SDI 322520	3.2 ± 0.3	2.5 ± 0.2	2.5 ± 0.2	2.0 ± 0.4	1.3	0.9	1.4	3.9	3.0	1.0
SDI 453226	4.5 ± 0.3	3.2 ± 0.2	3.6 ± 0.2	2.6 ± 0.3	2.0	1.4	2.1	5.2	3.7	1.0
SDI 565050	5.7 ± 0.3	5.0 ± 0.3	5.0 ± 0.3	4.7 ± 0.3	2.0	1.85	2.0	6	5	2.0
SDI 3216C	3.2 ± 0.3	1.6 ± 0.2	2.3 ± 0.2	1.8 ± 0.3	1.3	0.9	1.45	3.9	2.1	1.0
SDI 3225C	3.2 ± 0.3	2.5 ± 0.2	2.5 ± 0.2	2.0 ± 0.3	1.3	0.9	1.45	3.9	3.0	1.0
SDI 4532C	4.5 ± 0.3	3.2 ± 0.2	3.6 ± 0.2	2.6 ± 0.4	1.7	1.4	2.1	5.2	3.7	1.0

**General Specification:**

1. Storage temp: -40°C ~ +125°C
2. Operating temp: -25°C ~ +105°C
3. Resistance to solder heat : 250°C 10secs



**SDI 4532C Series**

Part No	L( $\mu$ H)	RDC( $\Omega$ )max	IDC (mA)min	Frequency KHz	
SDI 4532C-1R0	1.0	0.08	1080	100	
SDI 4532C-1R5	1.5	0.09	1000	100	
SDI 4532C-2R2	2.2	0.11	900	100	
SDI 4532C-3R3	3.3	0.13	800	100	
SDI 4532C-4R7	4.7	0.15	750	100	
SDI 4532C-6R8	6.8	0.20	720	100	
SDI 4532C-100	10	0.24	650	1	
SDI 4532C-150	15	0.32	570	1	
SDI 4532C-220	22	0.60	420	1	
SDI 4532C-330	33	1.00	310	1	
SDI 4532C-470	47	1.10	280	1	
SDI 4532C-560	56	1.34	260	1	
SDI 4532C-680	68	1.70	220	1	
SDI 4532C-101	100	2.20	190	1	
SDI 4532C-151	150	3.50	130	1	
SDI 4532C-221	220	4.00	110	1	
SDI 4532C-331	330	6.80	100	1	
SDI 4532C-471	470	8.50	90	1	

**SDI 4532C-xxxM-E, Code "-E" : Lead Free process and RoHs compliant, A: 100Khz**

Inductance tolerance :  $\pm 20\%$  K $\pm 10\%$  DC :  $\Delta L / L (0A) \leq 10\%$

Frequency : 100KHz / 0.25V, 1KHz / 0.25V

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