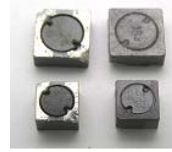


Application Field

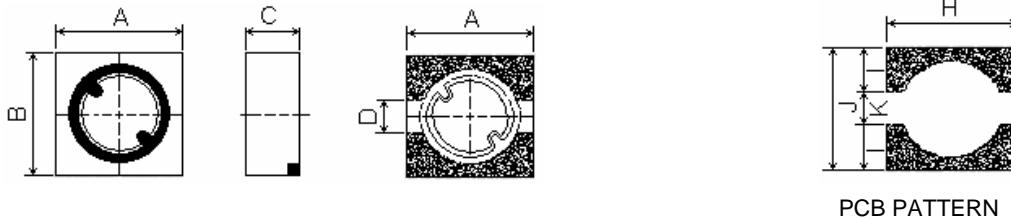
- TV games, Computers Devices.
- Disk Drives
- DC/DC converter application.



Features

- Magnetically shielded construction
- Compact and thin
- Large Current and Low DCR

Dimensions and footprint (unit:mm)

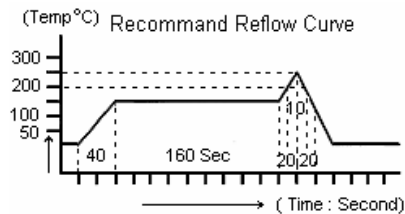


unit : mm

TYPE	A	B	C	D(typ)	H(typ)	I(typ)	J(typ)	K(typ)
SCDA4010	3.8 ±0.30	3.8 ±0.30	1.25max	1.20	4.40	1.65	4.40	1.10
SCDA4015	3.8 ±0.30	3.8 ±0.30	1.50max	1.20	4.40	1.65	4.40	1.10
SCDA4018	3.8 ±0.30	3.8 ±0.30	1.65max	1.30	4.40	1.65	4.40	1.10
SCDA4020	3.8 ±0.30	3.8 ±0.30	2.0max	1.20	4.40	1.65	4.40	1.10
SCDA4030	3.8 ±0.30	3.8 ±0.30	3.0max	1.20	4.40	1.65	4.40	1.10
SCDA5010	5.30 max	5.30 max	1.2max	2.00	5.90	2.00	5.90	1.90
SCDA5014	5.30 max	5.30 max	1.45max	2.00	5.90	2.00	5.90	1.90
SCDA5018	5.30 max	5.30 max	1.8max	2.00	5.90	2.00	5.90	1.90
SCDA5020	5.30 max	5.30 max	2.0max	2.00	5.90	2.00	5.90	1.90
SCDA5025	5.30 max	5.30 max	2.5max	2.00	5.90	2.00	5.90	1.90
SCDA5030	5.30 max	5.30 max	3.0max	2.00	5.90	2.00	5.90	1.90
SCDA6010	5.8 ±0.30	5.8 ±0.30	1.2max	1.90	6.90	2.50	6.90	1.90
SCDA6030	5.8 ±0.30	5.8 ±0.30	2.8 ±0.20	1.90	6.90	2.50	6.90	1.90
SCDA6915	6.9 ±0.30	6.9 ±0.30	1.5max	2.50	7.30	2.65	7.30	2.00
SCDA6919	6.9 ±0.30	6.9 ±0.30	1.9max	2.50	7.30	2.65	7.30	2.00
SCDA7040	7.3 ±0.40	7.3 ±0.40	4.0 ±0.30	1.80	8.00	3.20	8.00	1.60
SCDA10015	10.0 ±0.30	10.0 ±0.30	1.5max	2.50	10.60	4.15	10.60	2.30
SCDA10025	10.0 ±0.30	10.0 ±0.30	2.5max	2.50	10.60	4.15	10.60	2.30
SCDA10040	10.0 ±0.30	10.0 ±0.30	4.0max	2.50	10.60	4.15	10.60	2.30
SCDA10062	10.0 ±0.30	10.0 ±0.30	6.7max	2.50	10.60	4.15	10.60	2.30

General Specification:

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





SCDA10015 Series,SCDA10025 Series,SCDA10040 Series,SCDA10062 Series

Part No.	L(μ H)	SCDA10015		SCDA10025		SCDA10040		SCDA10062	
		RDC(Ω)Max	IDC(A)Min	RDC(Ω)Max	IDC(A)Min	RDC(Ω)Max	IDC(A)Min	RDC(Ω)Max	IDC(A)Min
R56	0.56					0.006	12.60	0.006	10.18
R80	0.8					0.0060	12.00		
1R0	1.0	0.038	4.1			0.008	10.3	0.007	9.52
1R5	1.5	0.0420	4.0			0.0080	6.5		9.50
1R6	1.6								9.50
1R8	1.8	0.047	3.5					0.008	6.30
2R2	2.2					0.0100	8.00		5.82
2R4	2.4								5.71
2R5	2.5					0.011	7.50		
2R7	2.7	0.059	3.40			0.012	7.00		
3R3	3.3	0.063	3.00			0.012	6.60	0.011	5.18
3R6	3.6					0.013	6.20		
3R8	3.8					0.013	6.00		5.09
4R3	4.3							0.011	5.08
4R7	4.7	0.086	2.60			0.022	5.70	0.015	5.00
5R2	5.2					0.022	5.50	0.016	3.25
5R6	5.6	0.098	2.20			0.024	5.15	0.016	3.20
6R8	6.8	0.11	2.10			0.026	4.90	0.017	2.80
7R0	7.0					0.027	4.80		
8R2	8.2	0.13	1.90			0.032	4.45		
100	10	0.16	1.80			0.035	4.40	0.028	2.15
120	12	0.19	1.48			0.040	3.65		
150	15	0.25	1.25			0.050	3.60		
180	18	0.29	1.22			0.060	2.95		
220	22	0.30	1.20			0.073	2.90	0.045	1.80
250	25					0.080	2.60		
270	27	0.40	0.93						
330	33	0.460	0.89			0.093	2.30	0.049	1.50
390	39	0.57	0.81					0.050	1.30
470	47	0.63	0.80			0.128	2.10	0.073	1.20
560	56	0.78	0.72						
680	68	0.99	0.64			0.213	1.50	0.100	0.97
820	82	1.17	0.61						
101	100	1.30	0.60			0.304	1.35	0.130	0.77
121	120	1.630	0.51			0.340	1.18	0.175	0.73
151	150	2.02	0.43			0.506	1.15	0.185	0.69
181	180	2.290	0.41			0.530	0.98		
221	220	2.96	0.36			0.756	0.92	0.300	0.55
271	270	3.57	0.33			0.782	0.72		
331	330	4.500	0.30			1.090	0.70	0.400	0.45
391	390					1.102	0.55	0.500	0.43
471	470	6.16	0.25			1.292	0.45	0.520	0.34
561	560	7.63	0.24			1.572	0.40	0.650	0.33
681	680	9.060	0.21			1.882	0.35	0.750	0.32
821	820	11.3	0.19			2.382	0.32		
102	1000	12.8	0.17			2.692	0.28		

SCDAxxxx-xxxK-E Code "-E" : RoHs compliant

Inductance tolerance : N \pm 30% M \pm 20% L \pm 15% K \pm 10% J \pm 5%Inductance tested : 0.56 μ H - 8.2 μ H / 100KHZ / 0.25V 10 μ H - 1000 μ H / 1KHZ / 0.25VSCDA10040 IDC : Δ L / L (0A) \leq 30%, SCDA10040 IDC : Δ L / L (0A) \leq 65%