

■ SMD TYPE TRANS AND INDUCTOR

Application Type		Type	Inductance Range (uH)	Rate Current (A max)	DCR (ohm)	Data sheet
Paste Type	Open Type	P4532	1.0~220	2.56~0.15	0.049~23.85	■
		P5845	4.7~330	1.75~0.27	0.056~1.80	■
		P7835	10~330	1.44~0.28	0.081~1.49	■
		P7850	10~470	2.3~0.34	0.07~1.96	■
		P1040	10~560	2.38~0.32	0.053~1.90	■
		P1054	10~820	2.6~0.24	0.06~2.55	■
		P3225S	4.7~100	0.45~0.1	0.19~3.50	■
		P4532S	4.7~100	0.75~0.19	0.088~1.62	■
Metal Base Type	Open Type	B6011	4.7~22	1.0~0.2	0.21~2.15	■
	Close Type	B7014	4.7~10	0.9~0.6	0.07~0.12	■
		B6224	10~100	1.0~0.31	0.085~0.74	■
		B6244	10~100	1.35~0.42	0.062~0.53	■
		B7328	10~100	1.68~0.50	0.059~0.64	■
		B7336	10~100	1.80~0.60	0.046~0.41	■
		B1045	4.7~270	3.5~0.60	0.02~0.59	■
		B1230	6.8~100	4.2~1.1	0.022~0.35	■
		B1240	6.8~100	4.5~1.2	0.019~0.24	■
		B1260	4.7~330	5.0~0.8	0.015~0.37	■
		B1280	2.2~330	8.0~0.8	0.008~0.47	■
Base Type	Open Type	B6630	6.8~100	1.2~0.28	0.116~1.40	■
		B1330	10~100	2.3~0.74	0.065~0.60	■
		B1350	10~100	3.3~1.0	0.028~0.28	■
		B1870	10~100	10~3.0	0.024~0.16	■
	Close Type	B6028	4.7~470	1.6~0.15	0.028~2.45	■
		B7032	4.7~470	1.7~0.20	0.030~2.05	■

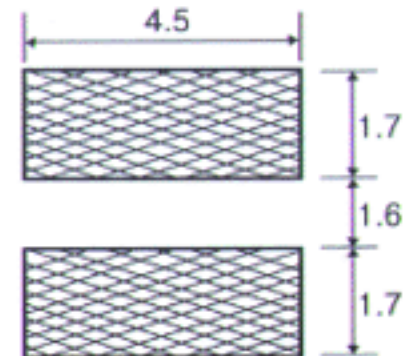
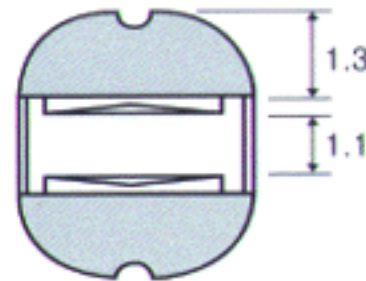
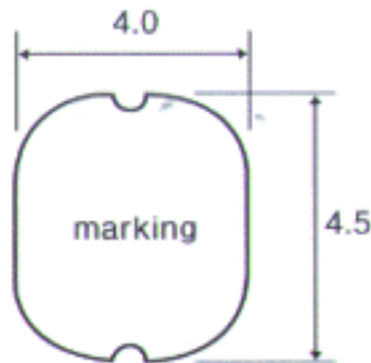
P4532 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery charger
- ▶ DC/DC Converter
- ▶ Digital camera, Scanner



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP4532-2R51R0	1.0	0.049	2.56
SFOP4532-1R91R8	1.8	0.064	1.95
SFOP4532-1R72R2	2.2	0.072	1.75
SFOP4532-1R52R7	2.7	0.079	1.58
SFOP4532-1R43R3	3.3	0.087	1.44
SFOP4532-1R14R7	4.7	0.109	1.15
SFOP4532-R995R6	5.6	0.126	0.99
SFOP4532-R956R8	6.8	0.132	0.95
SFOP4532-R90100	10	0.182	0.90
SFOP4532-R85150	15	0.235	0.85
SFOP4532-R74180	18	0.338	0.74
SFOP4532-R68220	22	0.378	0.68
SFOP4532-R56330	33	0.540	0.56
SFOP4532-R52390	39	0.587	0.52
SFOP4532-R44470	47	0.844	0.44
SFOP4532-R42560	56	0.937	0.42
SFOP4532-R37680	68	1.117	0.37
SFOP4532-R26101	100	1.170	0.26
SFOP4532-R15220	220	2.850	0.15

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

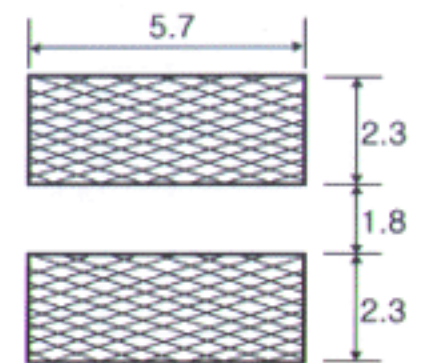
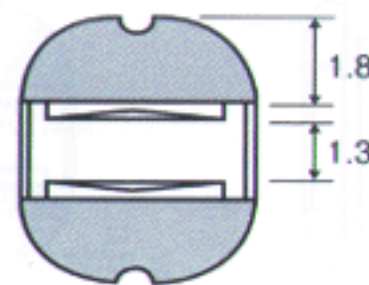
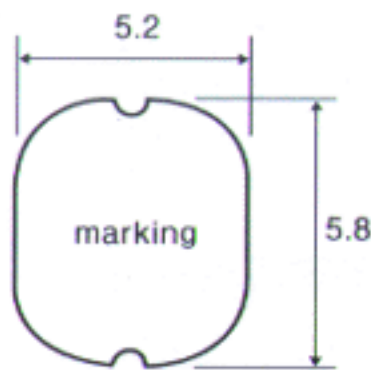
P5845 Series

Application

- Notebook Computer & PDA
- Battery charger
- DC/DC Converter
- Digital camera, Scanner
- CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP5845-1R74R7	4.7	0.056	1.75
SFOP5845-1R4100	10	0.100	1.44
SFOP5845-1R4120	12	0.120	1.40
SFOP5845-1R3150	15	0.140	1.30
SFOP5845-1R2180	18	0.150	1.23
SFOP5845-1R1220	22	0.180	1.11
SFOP5845-R97270	27	0.200	0.97
SFOP5845-R88330	33	0.230	0.88
SFOP5845-R80390	39	0.320	0.80
SFOP5845-R72470	47	0.370	0.72
SFOP5845-R68560	56	0.420	0.68
SFOP5845-R61680	68	0.460	0.61
SFOP5845-R58820	82	0.600	0.58
SFOP5845-R52101	100	0.700	0.52
SFOP5845-R48121	120	0.930	0.48
SFOP5845-R40151	150	1.100	0.40
SFOP5845-R38181	180	1.380	0.38
SFOP5845-R35221	220	1.570	0.35
SFOP5845-R27331	330	1.800	0.27

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

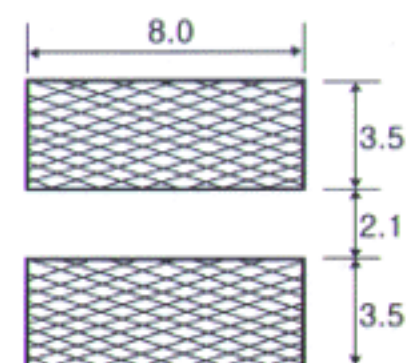
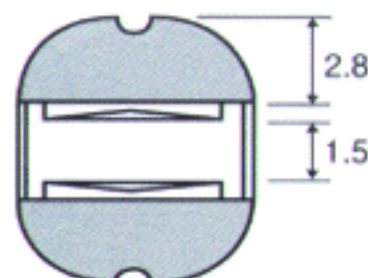
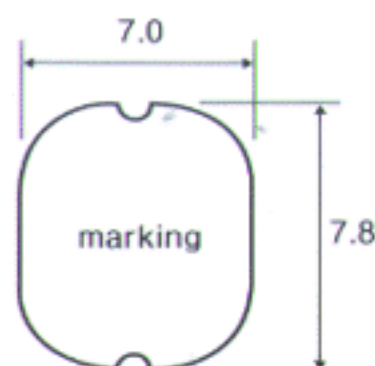
P7835 Series

Application

- ▶ Notebook Computer
- ▶ Battery charger
- ▶ DC/DC Converter
- ▶ Digital camera, Scanner
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP7835-1R4100	10	0.081	1.44
SFOP7835-1R2150	15	0.104	1.24
SFOP7835-1R1180	18	0.111	1.12
SFOP7835-1R0220	22	0.129	1.07
SFOP7835-1R9270	27	0.153	0.94
SFOP7835-R85330	33	0.170	0.85
SFOP7835-R74390	39	0.217	0.74
SFOP7835-R68470	47	0.252	0.68
SFOP7835-R64560	56	0.282	0.64
SFOP7835-R59680	68	0.332	0.59
SFOP7835-R54820	82	0.406	0.54
SFOP7835-R51101	100	0.481	0.51
SFOP7835-R49121	120	0.536	0.49
SFOP7835-R40151	150	0.755	0.40
SFOP7835-R36181	180	1.022	0.36
SFOP7835-R31221	220	1.200	0.31
SFOP7835-R28331	330	1.495	0.28

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

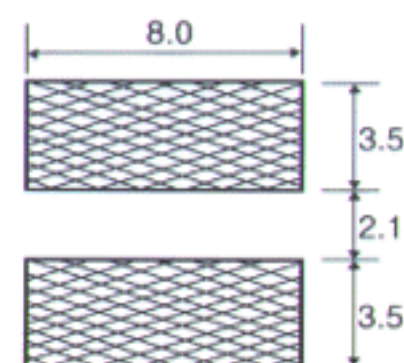
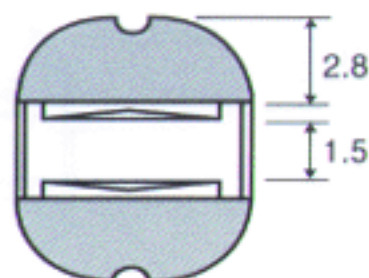
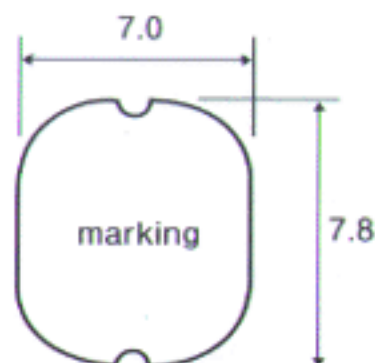
P7850 Series

Application

- Notebook Computer & PDA
- Battery charger
- DC/DC Converter
- Digital camera, Scanner
- CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP7850-3R04R7	4.7	0.020	3.0
SFOP7850-2R3100	10	0.070	2.30
SFOP7850-1R8150	15	0.090	1.80
SFOP7850-1R5220	22	0.110	1.50
SFOP7850-1R3270	27	0.120	1.30
SFOP7850-1R2330	33	0.130	1.20
SFOP7850-1R1390	39	0.160	1.10
SFOP7850-1R1470	47	0.180	1.10
SFOP7850-R94560	56	0.240	0.94
SFOP7850-R85680	68	0.280	0.85
SFOP7850-R78820	82	0.370	0.78
SFOP7850-R72101	100	0.430	0.72
SFOP7850-R58151	150	0.640	0.58
SFOP7850-R51181	180	0.710	0.51
SFOP7850-R49221	220	0.960	0.49
SFOP7850-R42331	330	1.260	0.42
SFOP7850-R36391	390	1.770	0.36
SFOP7850-R34471	470	1.960	0.34

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

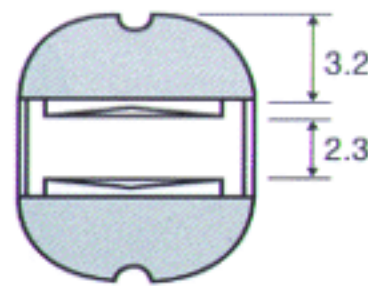
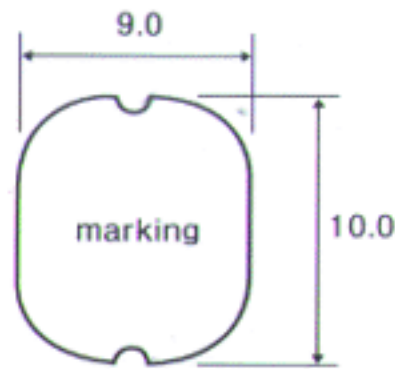
P1040 Series

Application

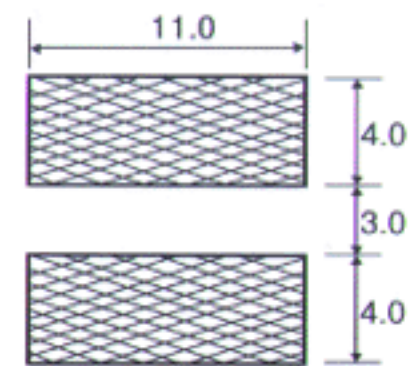
- ▶ Notebook Computer
- ▶ Battery charger
- ▶ DC/DC Converter
- ▶ Digital camera, Scanner
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2



(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP1040-2R3100	10	0.053	2.38
SFOP1040-1R8150	15	0.070	1.87
SFOP1040-1R6220	22	0.088	1.60
SFOP1040-1R4270	27	0.100	1.44
SFOP1040-1R2330	33	0.120	1.26
SFOP1040-1R2390	39	0.151	1.20
SFOP1040-1R1470	47	0.170	1.10
SFOP1040-1R0560	56	0.199	1.01
SFOP1040-R91680	68	0.223	0.91
SFOP1040-R74101	100	0.344	0.74
SFOP1040-R69151	150	0.544	0.69
SFOP1040-R61181	180	0.621	0.61
SFOP1040-R53221	220	0.721	0.53
SFOP1040-R42331	330	1.100	0.42
SFOP1040-R38391	390	1.245	0.38
SFOP1040-R35471	470	1.526	0.35
SFOP1040-R32561	560	1.904	0.32

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

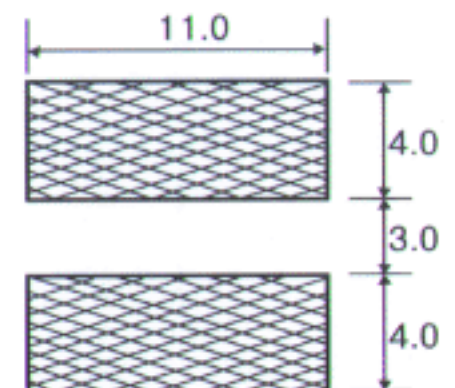
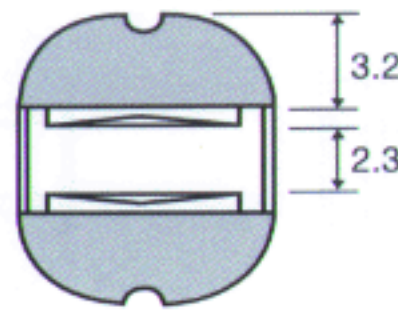
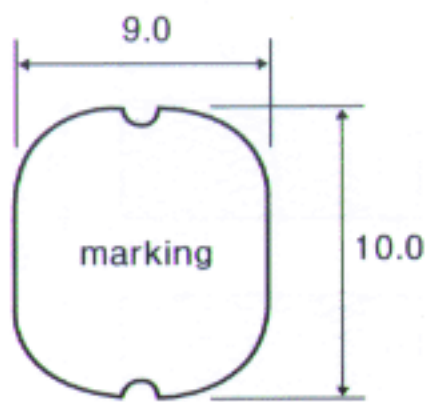
P1054 Series

Application

- Notebook Computer & PDA
- Battery charger
- DC/DC Converter
- Digital camera, Scanner
- CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP1054-2R6100	10	0.060	2.60
SFOP1054-2R2150	15	0.080	2.27
SFOP1054-1R9220	22	0.100	1.95
SFOP1054-1R7270	27	0.110	1.76
SFOP1054-1R5330	33	0.120	1.50
SFOP1054-1R3390	39	0.140	1.37
SFOP1054-1R2470	47	0.170	1.28
SFOP1054-1R1560	56	0.190	1.17
SFOP1054-1R1680	68	0.220	1.11
SFOP1054-R97101	100	0.350	0.97
SFOP1054-R78151	150	0.470	0.78
SFOP1054-R66221	220	0.730	0.66
SFOP1054-R52331	330	1.150	0.52
SFOP1054-R42471	470	1.480	0.42
SFOP1054-R33561	560	1.900	0.33
SFOP1054-R28681	680	2.250	0.28
SFOP1054-R24821	820	2.550	0.24

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

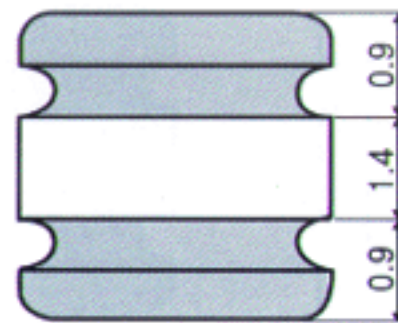
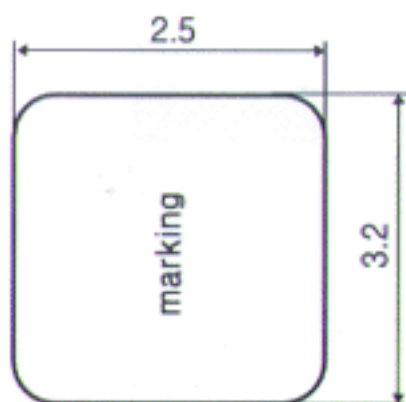
P3225S Series

Application

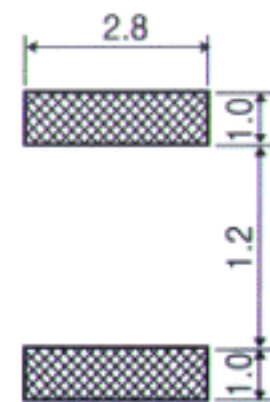
- ▶ Notebook Computer & PDA
- ▶ Scanner
- ▶ DC/DC Converter
- ▶ CD-ROM Driver
- ▶ DVD
- ▶ CD-RW



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2



(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP3225S-R454R7	4.7	0.190	0.45
SFOP3225S-R406R8	6.8	0.252	0.40
SFOP3225S-R30100	10	0.350	0.30
SFOP3225S-R25220	22	0.790	0.25
SFOP3225S-R20330	33	1.10	0.20
SFOP3225S-R17470	47	1.30	0.17
SFOP3225S-R14680	68	2.50	0.14
SFOP3225S-R10101	100	3.5	0.10

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

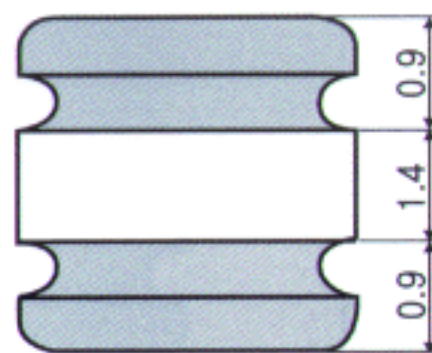
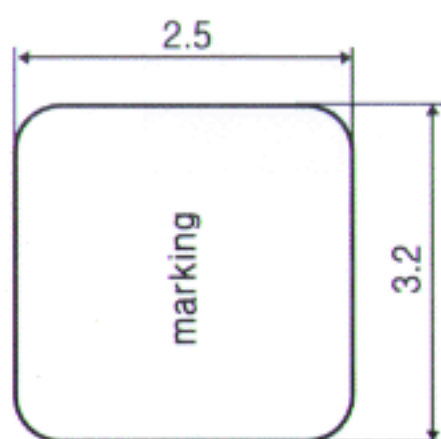
P4532S Series

Application

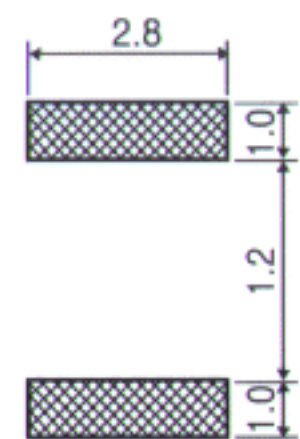
- Notebook Computer & PDA
- Scanner
- DC/DC Converter
- CD-ROM Driver
- DVD
- Hard Disk Driver



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2



(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP4532S-R754R7	4.7	0.088	0.75
SFOP4532S-R726R8	6.8	0.136	0.72
SFOP4532S-R65100	10	0.171	0.65
SFOP4532S-R42220	22	0.430	0.42
SFOP4532S-R31330	33	0.720	0.31
SFOP4532S-R28470	47	0.860	0.28
SFOP4532S-R22680	68	1.330	0.22
SFOP4532S-R19101	100	1.620	0.19

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

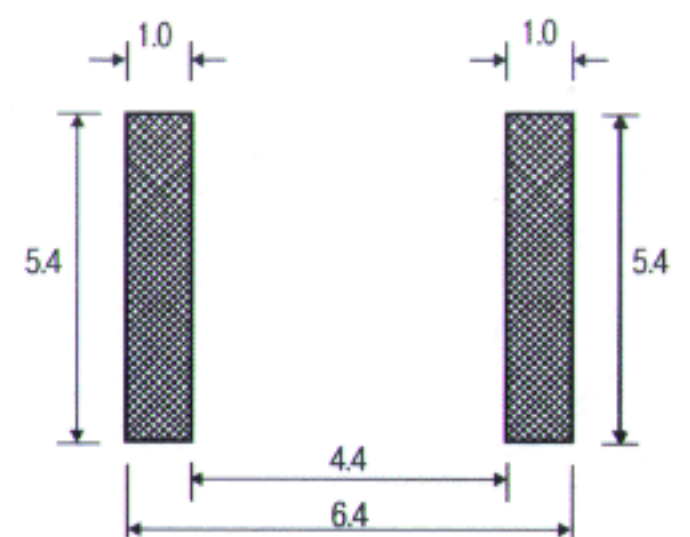
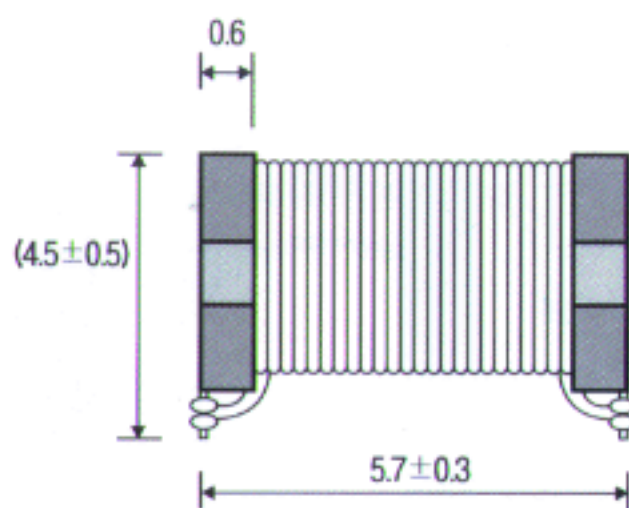
B6011 Series

Application

- TFT LCD PANEL
- Notebook Computer
- DC/DC Converters
- Digital cameras, Scanners



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

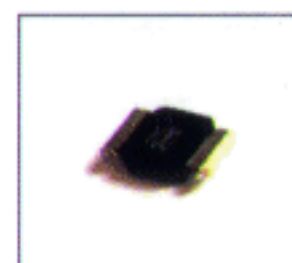
Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOB6011-1R04R7	4.7	0.213	1.00
SFOB6011-R805R6	5.6	0.330	0.80
SFOB6011-R40100	10	0.720	0.40
SFOB6011-R20220	22	2.150	0.20

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

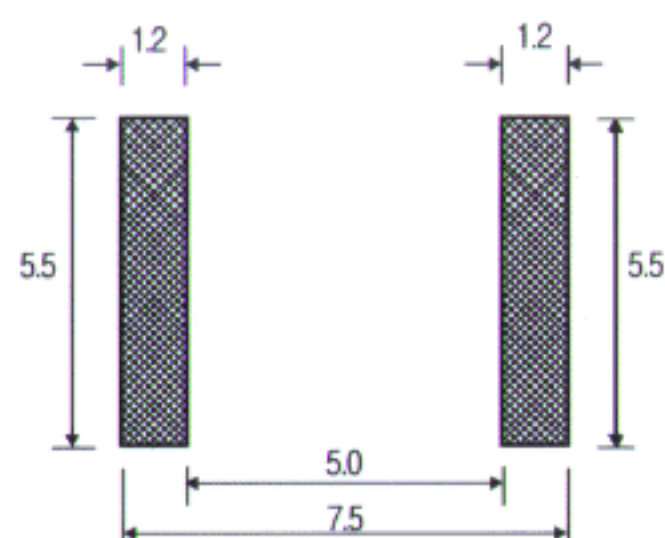
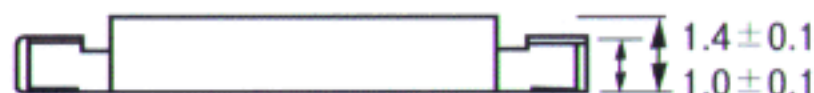
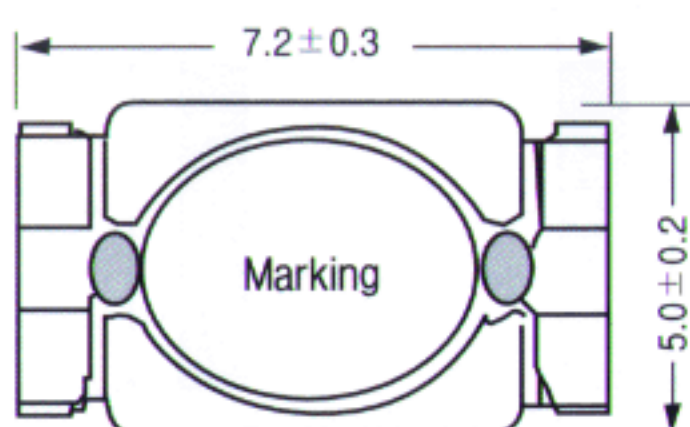
B7014 Series

Application

- ▶ Notebook Computer
- ▶ TFT LCD PANEL
- ▶ DC/DC Converters
- ▶ Digital cameras, Scanners
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB7014-R904R7	4.7	0.070	0.90
SFCB7014-R60100	10	0.120	0.60

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

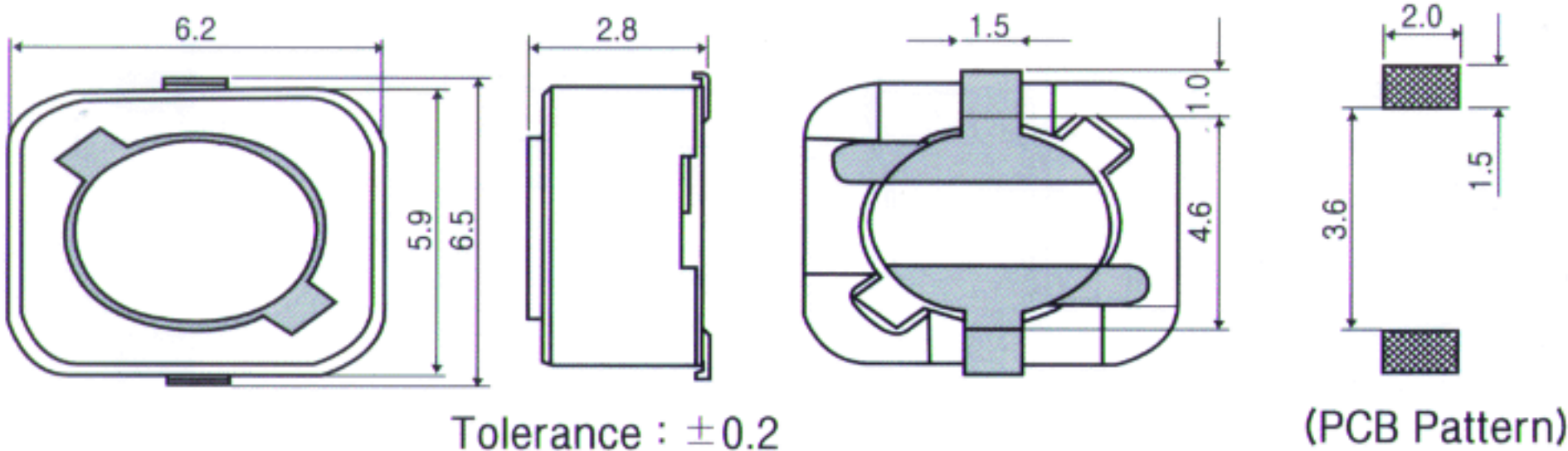
B6224 Series

Application

- ▶ Notebook Computer
- ▶ DC/DC Converters
- ▶ Digital Steel Camera
- ▶ Battery Charger



Shape & Dimensions (Unit:mm)



Standard Specifications

Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB6224-1R0100	10	0.085	1.00
SFCB6224-R68220	22	0.180	0.68
SFCB6224-R56330	33	0.265	0.56
SFCB6224-R44470	47	0.400	0.44
SFCB6224-R42680	68	0.575	0.42
SFCB6224-R31101	100	0.740	0.31

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

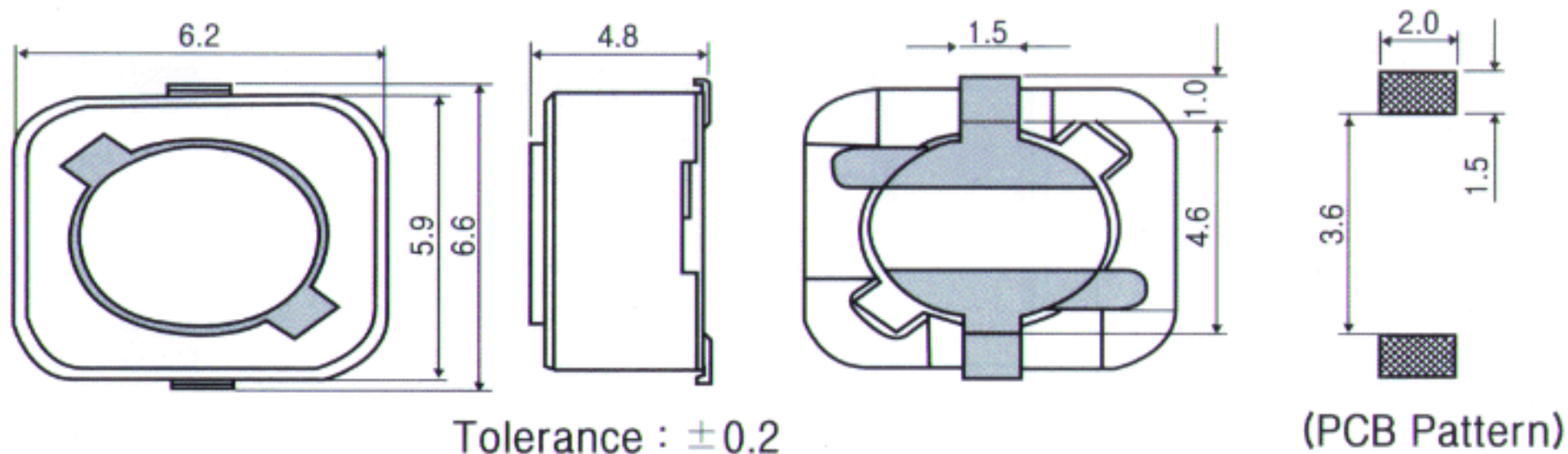
B6244 Series

Application

- Notebook Computer
- DC/DC Converters
- Digital Steel Camera
- Battery Charger



Shape & Dimensions (Unit:mm)



Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB6244-1R3100	10	0.062	1.35
SFCB6244-R91220	22	0.125	0.91
SFCB6244-R74330	33	0.171	0.74
SFCB6244-R62470	47	0.260	0.62
SFCB6244-R51680	68	0.430	0.51
SFCB6244-R42101	100	0.530	0.42

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

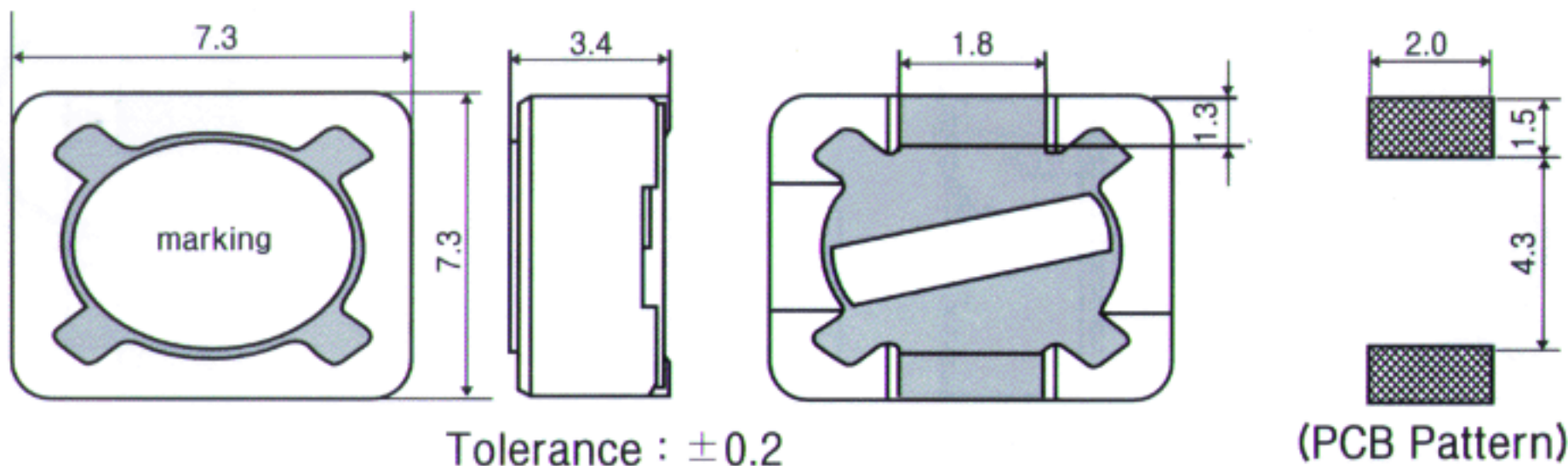
B7328 Series

Application

- Notebook Computer
- DC/DC Converters
- Digital Steel Camera
- Battery Charger



Shape & Dimensions (Unit:mm)



Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB7328-1R6100	10	0.059	1.68
SFCB7328-1R0220	22	0.134	1.07
SFCB7328-R91330	33	0.195	0.91
SFCB7328-R76470	47	0.281	0.76
SFCB7328-R61680	68	0.418	0.61
SFCB7328-R50101	100	0.648	0.50

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to + 85°C
5. Electrical specifications at 25°C

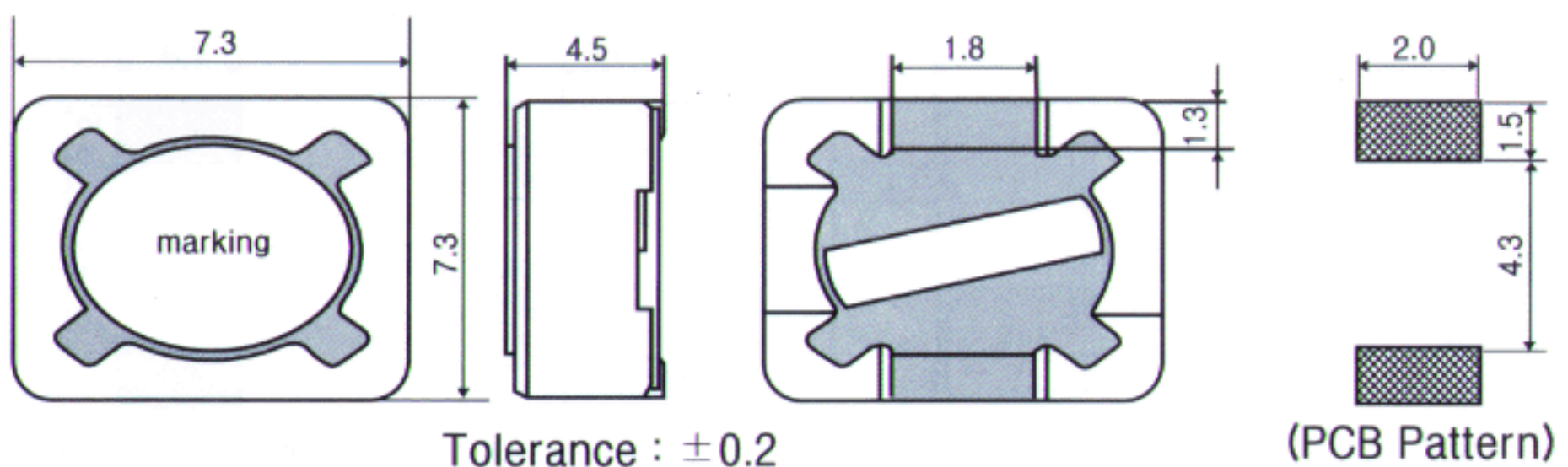
B7336 Series

Application

- Notebook Computer
- DC/DC Converters
- Digital Steel Camera
- Battery Charger



Shape & Dimensions (Unit:mm)



Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB7336-1R8100	10	0.046	1.80
SFCB7336-1R2220	22	0.079	1.23
SFCB7336-R96330	33	0.132	0.96
SFCB7336-R88470	47	0.196	0.88
SFCB7336-R69680	68	0.292	0.69
SFCB7336-R60101	100	0.418	0.60

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

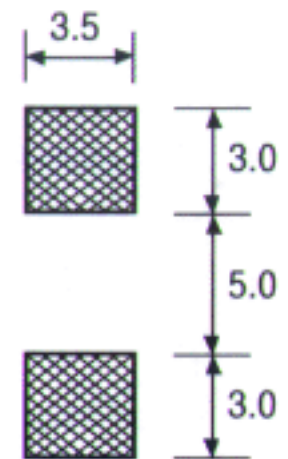
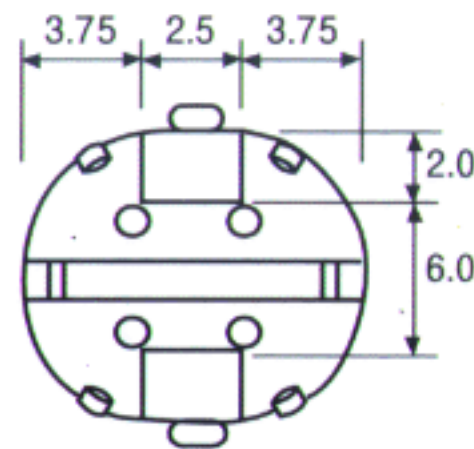
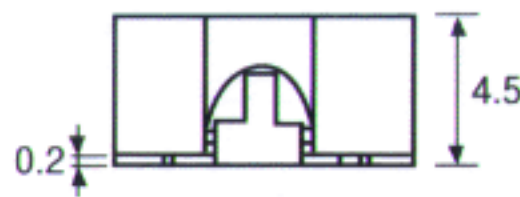
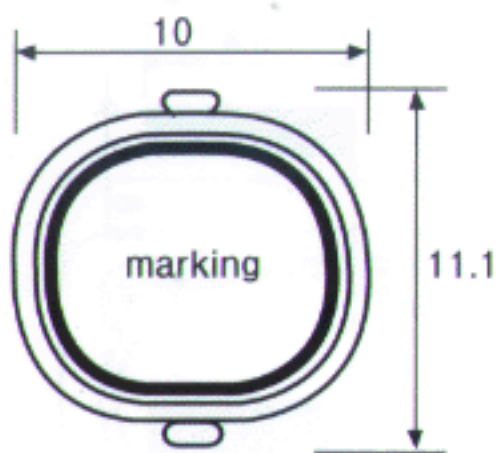
B1045 Series

Application

- Notebook Computer
- Battery Charger
- DC/DC Converters



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB1045-3R54R7	4.7	0.020	3.50
SFCB1045-2R9100	10	0.034	2.90
SFCB1045-2R3150	15	0.047	2.30
SFCB1045-1R9220	22	0.058	1.90
SFCB1045-1R7270	27	0.070	1.70
SFCB1045-1R5330	33	0.080	1.50
SFCB1045-1R3470	47	0.098	1.30
SFCB1045-1R1680	68	0.140	1.10
SFCB1045-1R0101	100	0.190	1.00
SFCB1045-R82151	150	0.335	0.82
SFCB1045-R68221	220	0.450	0.68
SFCB1045-R60271	270	0.590	0.60

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

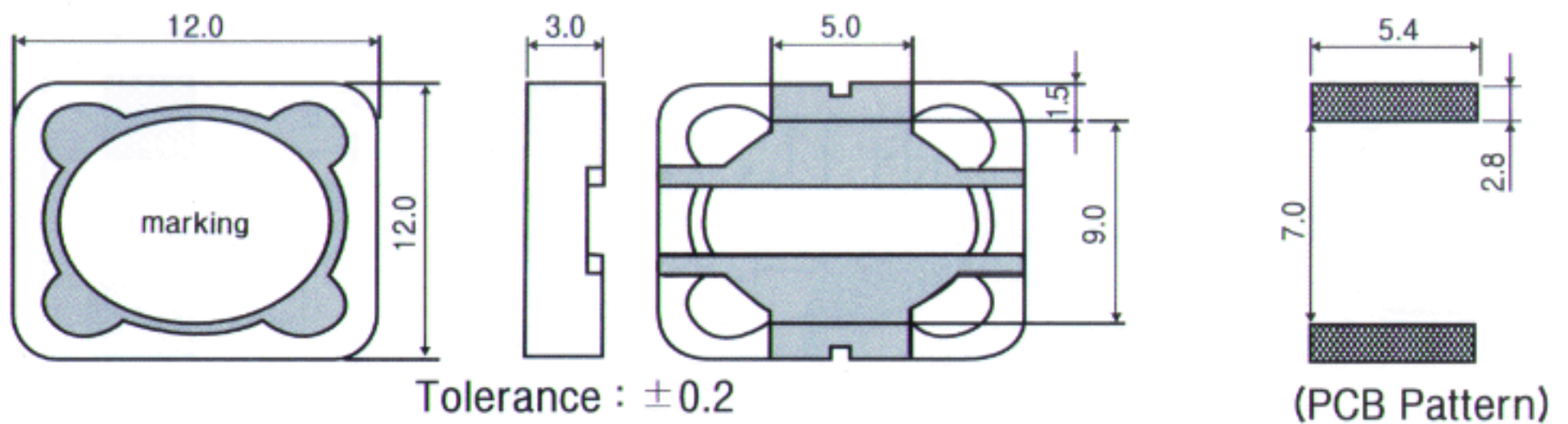
B1230 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery Charger
- ▶ DC/DC Converters
- ▶ TFT LCD MONITOR



Shape & Dimensions (Unit:mm)



Standard Specifications

Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB1230-4R26R8	6.8	0.022	4.2
SFCB1230-3R5100	10	0.033	3.5
SFCB1230-2R3220	22	0.085	2.3
SFCB1230-2R0330	33	0.115	2.0
SFCB1230-1R6470	47	0.160	1.6
SFCB1230-1R3680	68	0.239	1.3
SFCB1230-1R1101	100	0.350	1.1

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

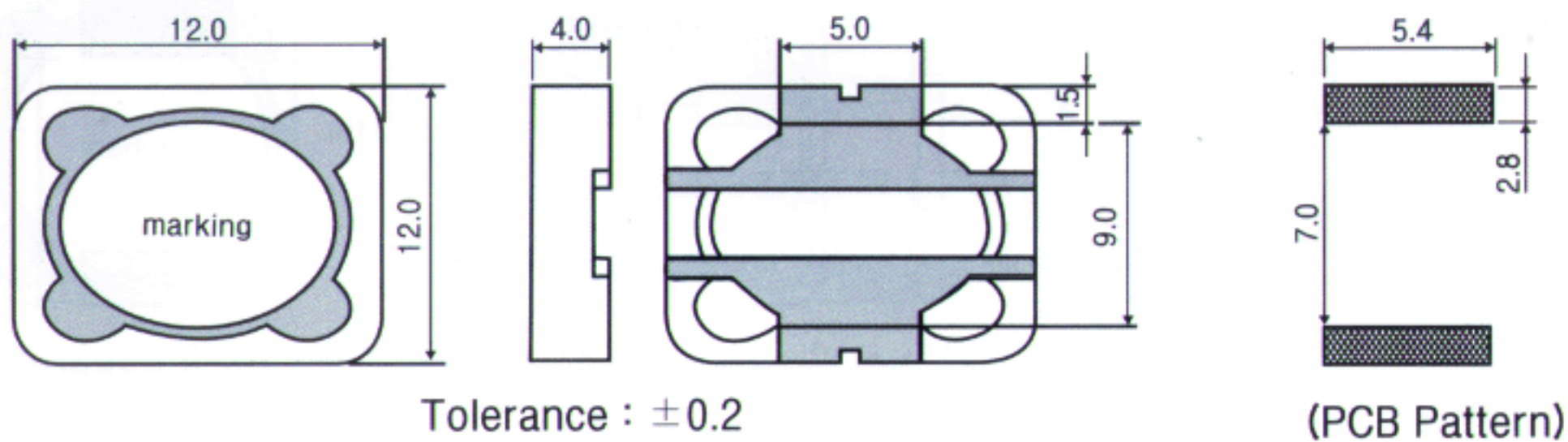
B1240 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery Charger
- ▶ DC/DC Converters
- ▶ TFT LCD MONITOR



Shape & Dimensions (Unit:mm)



Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB1240-4R56R8	6.8	0.019	4.5
SFCB1240-3R8100	10	0.027	3.8
SFCB1240-2R6220	22	0.050	2.6
SFCB1240-2R2330	33	0.083	2.2
SFCB1240-1R7470	47	0.123	1.7
SFCB1240-1R4680	68	0.169	1.4
SFCB1240-1R2101	100	0.240	1.2

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

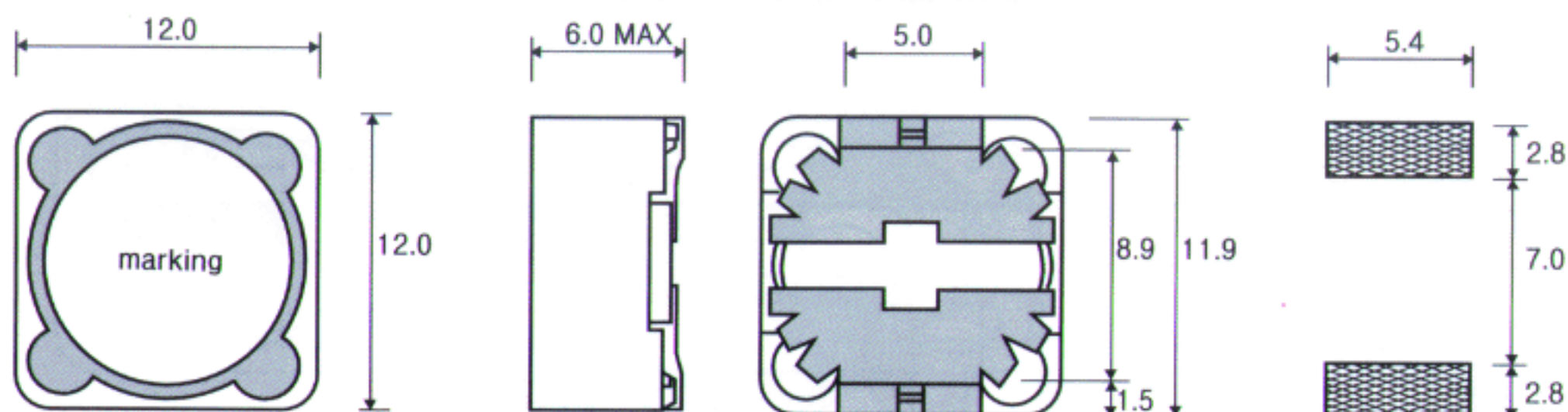
B1260 Series

Application

- Notebook Computer & PDA
- Battery Charger
- DC/DC Converters
- TFT LCD MONITOR



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB1260-5R04R7	4.7	0.015	5.00
SFCB1260-4R0100	10	0.022	4.00
SFCB1260-3R3150	15	0.027	3.30
SFCB1260-2R8220	22	0.048	2.80
SFCB1260-2R1330	33	0.058	2.10
SFCB1260-1R8470	47	0.075	1.80
SFCB1260-1R4680	68	0.120	1.40
SFCB1260-1R3101	100	0.160	1.30
SFCB1260-R80221	220	0.320	0.80
SFCB1260-R68331	330	0.420	0.68

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

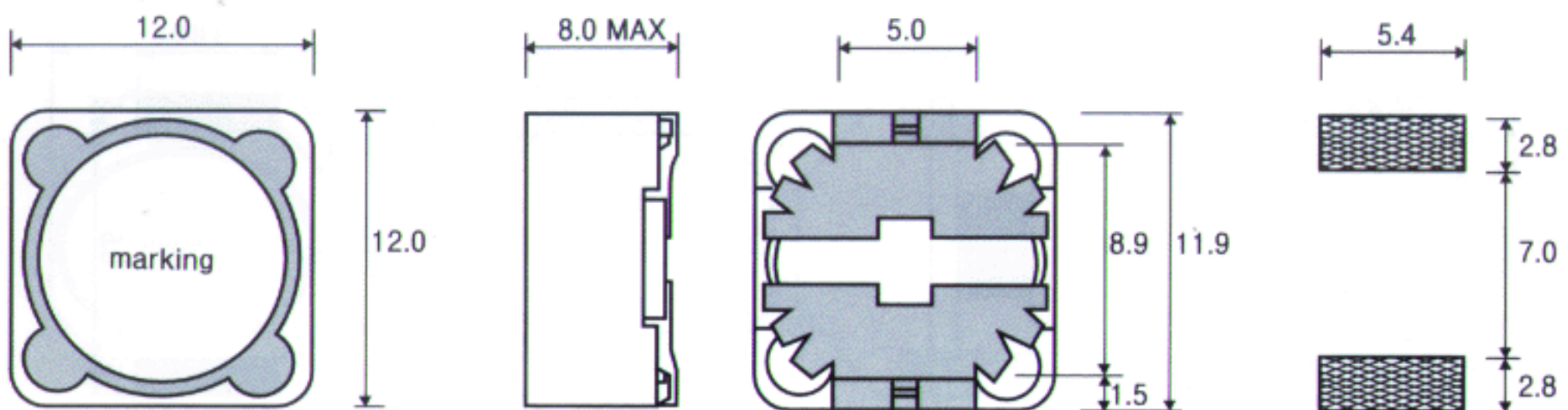
B1280 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery Charger
- ▶ DC/DC Converters
- ▶ TFT LCD MONITOR



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB1280-8R02R2	2.2	0.008	8.0
SFCB1280-7R53R3	3.3	0.010	7.5
SFCB1280-6R84R7	4.7	0.012	6.80
SFCB1280-5R4100	10	0.020	5.40
SFCB1280-4R8150	15	0.025	4.80
SFCB1280-3R6220	22	0.036	3.60
SFCB1280-2R5330	33	0.050	2.50
SFCB1280-2R2470	47	0.075	2.20
SFCB1280-1R8680	68	0.095	1.80
SFCB1280-1R3101	100	0.113	1.30
SFCB1280-1R0221	220	0.290	1.00
SFCB1280-R80331	330	0.470	0.80

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

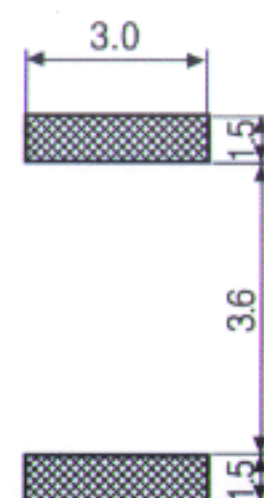
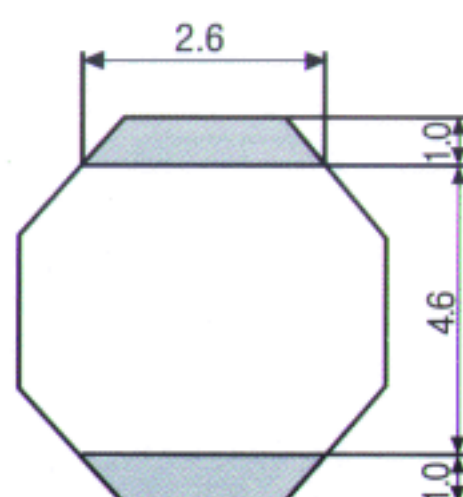
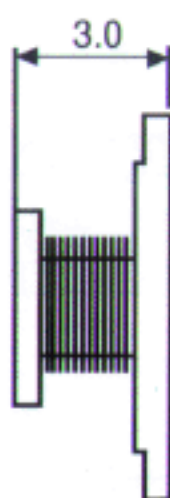
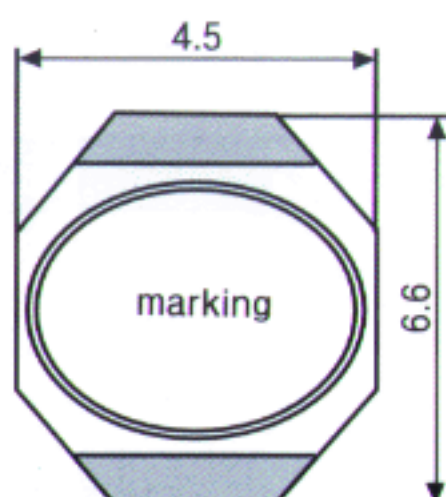
B6630 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery Powered Equipment
- ▶ DC/DC Converters
- ▶ Digital cameras, Scanners
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOB6630-1R26R8	6.8	0.116	1.20
SFOB6630-1R0100	10	0.174	1.00
SFOB6630-R64220	22	0.442	0.64
SFOB6630-R51330	33	0.560	0.51
SFOB6630-R42470	47	0.810	0.42
SFOB6630-R35680	68	0.900	0.35
SFOB6630-R28101	100	1.400	0.28

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

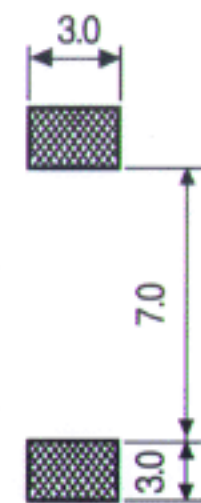
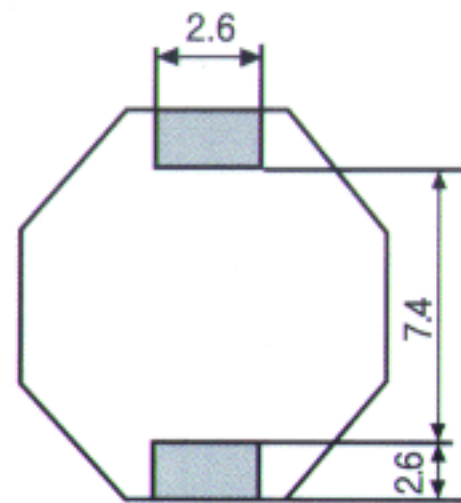
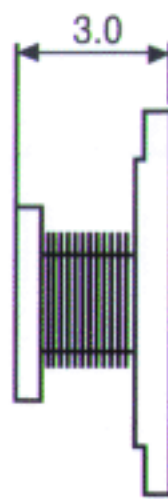
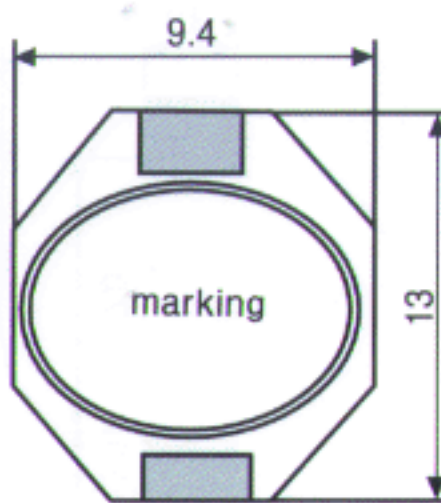
B1330 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery Powered Equipment
- ▶ DC/DC Converters
- ▶ Digital cameras, Scanners
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOB1330-2R3100	10	0.065	2.30
SFOB1330-1R7220	22	0.140	1.70
SFOB1330-1R5330	33	0.188	1.50
SFOB1330-1R1470	47	0.262	1.10
SFOB1330-R91680	68	0.340	0.91
SFOB1330-R74101	100	0.605	0.74

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

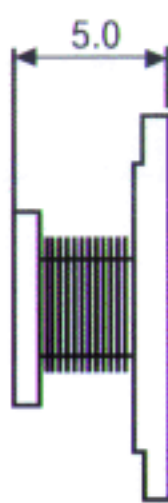
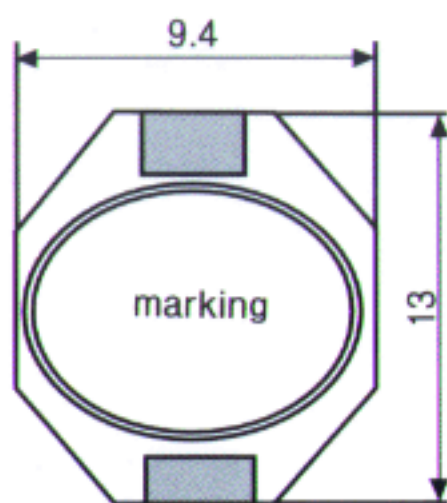
B1350 Series

Application

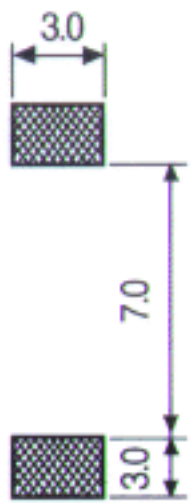
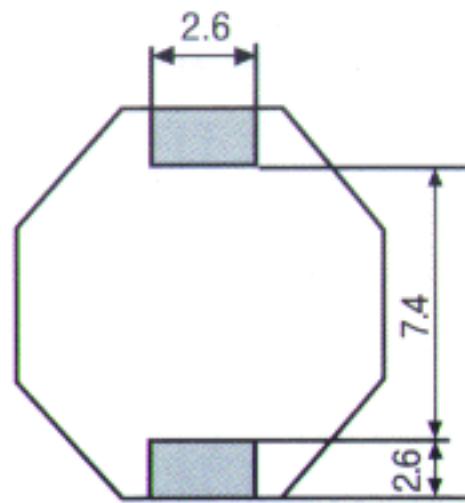
- ▶ Notebook Computer & PDA
- ▶ Battery Powered Equipment
- ▶ DC/DC Converters
- ▶ Digital cameras, Scanners
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2



(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOB1350-3R3100	10	0.028	3.30
SFOB1350-2R3220	22	0.062	2.30
SFOB1350-1R7330	33	0.095	1.70
SFOB1350-1R4470	47	0.136	1.40
SFOB1350-1R2680	68	0.195	1.20
SFOB1350-1R0101	100	0.282	1.00

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

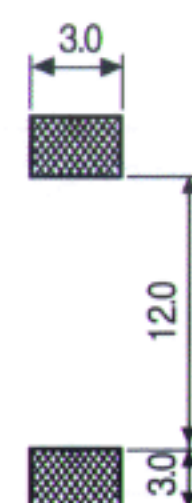
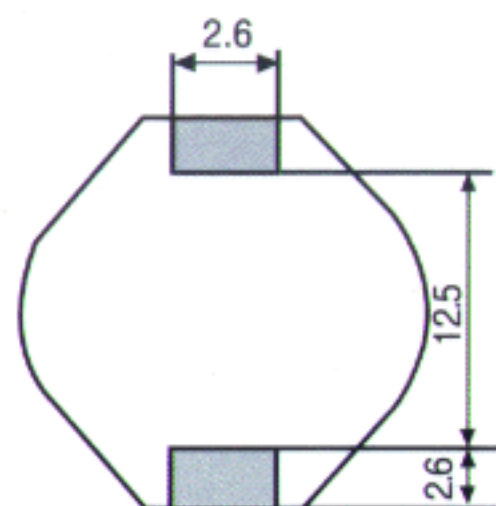
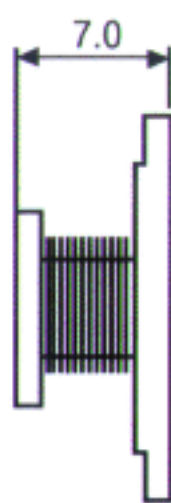
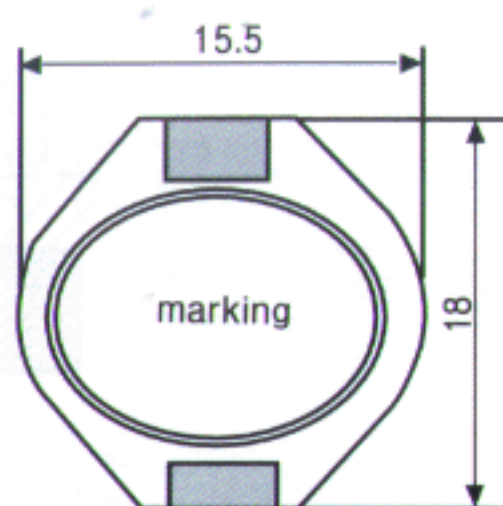
B1870 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Battery Powered Equipment
- ▶ DC/DC Converters
- ▶ Digital cameras, Scanners
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C. Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOB1870-100100	10	0.024	10.00
SFOB1870-7R0220	22	0.039	7.00
SFOB1870-5R5330	33	0.056	5.50
SFOB1870-4R5470	47	0.072	4.50
SFOB1870-3R5680	68	0.106	3.50
SFOB1870-3R0101	100	0.16	3.00

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

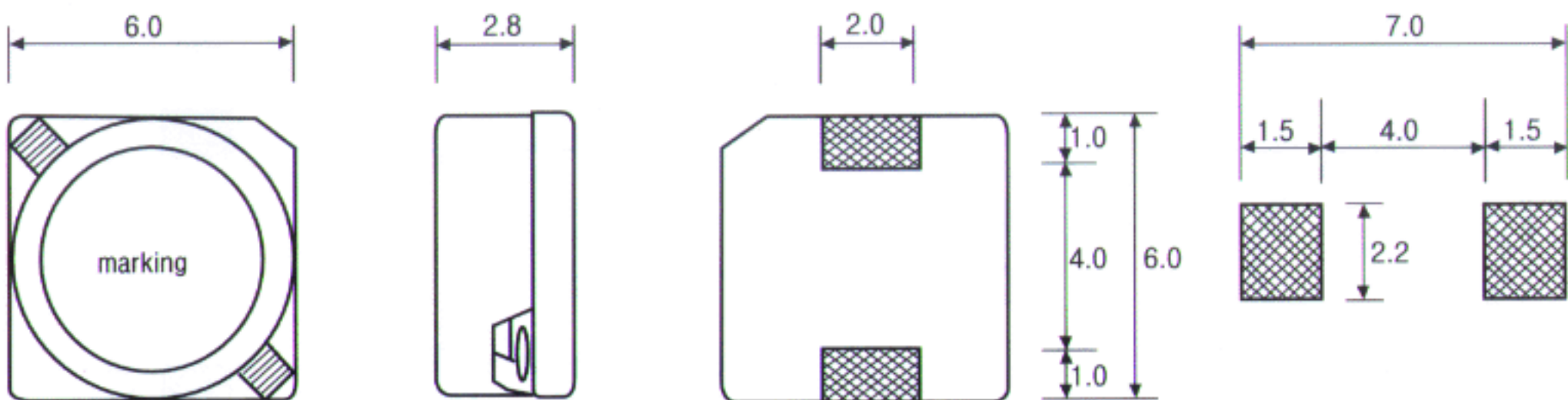
B6028 Series

Application

- Notebook Computer & PDA
- Camcorder
- DC/DC Converters
- Digital steel camera, Scanners
- DVD & MP3



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB6028-1R64R7	4.7	0.028	1.60
SFCB6028-1R56R8	6.8	0.035	1.50
SFCB6028-1R3100	10	0.053	1.30
SFCB6028-1R0150	15	0.074	1.00
SFCB6028-R77220	22	0.104	0.77
SFCB6028-R69330	33	0.148	0.69
SFCB6028-R59470	47	0.210	0.59
SFCB6028-R50680	68	0.290	0.50
SFCB6028-R42101	100	0.430	0.42
SFCB6028-R35151	150	0.89	0.35
SFCB6028-R28221	220	1.250	0.28
SFCB6028-R21331	330	1.900	0.21
SFCB6028-R15471	470	2.450	0.15

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C

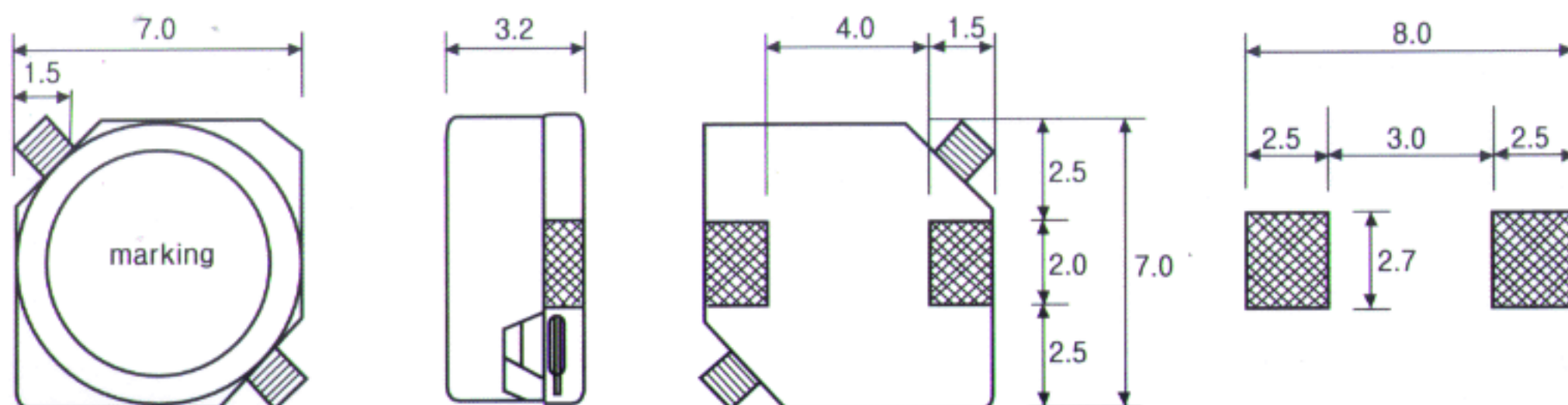
B7032 Series

Application

- ▶ Notebook Computer & PDA
- ▶ Camcorder
- ▶ DC/DC Converters
- ▶ Digital steel camera, Scanner
- ▶ DVD & MP3



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFCB7032-1R74R7	4.7	0.030	1.70
SFCB7032-1R4100	10	0.050	1.40
SFCB7032-R96220	22	0.100	0.96
SFCB7032-R90270	27	0.120	0.90
SFCB7032-R82330	33	0.130	0.82
SFCB7032-R78390	39	0.170	0.78
SFCB7032-R67470	47	0.210	0.67
SFCB7032-R59680	68	0.310	0.59
SFCB7032-R45101	100	0.450	0.45
SFCB7032-R38151	150	0.58	0.38
SFCB7032-R34181	180	0.68	0.34
SFCB7032-R30221	220	1.050	0.30
SFCB7032-R24331	330	1.670	0.24
SFCB7032-R20471	470	2.050	0.20

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C