

COMMON MODE SMD POWER INDUCTORS / SRI-4PAD TYPE

FEATURES

- ◆ Low voltage power supply is prosperous accordingly power saving.
- ◆ Four terminals choke coil available for DC-DC converter of less than 3.3V input voltage.

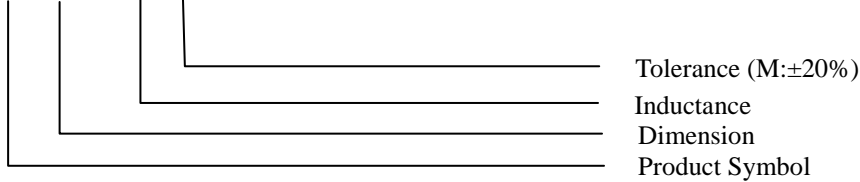


APPLICATIONS

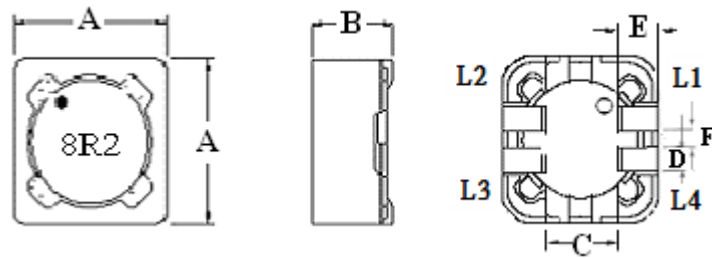
- ◆ TVs and audio equipment.
- ◆ Satellite communication systems.
- ◆ Microwave equipment.

ORDERING CODE

SRI □□□□ - □□□□ - 4PAD



SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A	B	C (REF)	D (REF)	E (REF)	F (REF)
SRI0703-4PAD	7.3 ± 0.3	3.2 ± 0.3	5.0	0.8	2.1	1.1
SRI0704-4PAD	7.3 ± 0.3	4.8 (MAX)	5.0	0.8	2.1	1.1
SRI1205-4PAD	12.0 ± 0.5	6.5 (MAX)	7.6	2.0	2.9	1.6
SRI1207-4PAD	12.0 ± 0.5	8.5 (MAX)	7.6	2.0	2.9	1.6

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COMMON MODE SMD POWER INDUCTORS / SRI-4PAD TYPE

ELECTRICAL CHARACTERISTICS FOR SRI0703**-4PAD

Part No.	L1=L2 (μH)	DCR(mΩ) (max)	IDC (A) (max)
SRI0703-4R7 □-4PAD	4.7	50	3.20
SRI0703-100 □-4PAD	10	200	2.40
SRI0703-200 □-4PAD	20	280	1.60
SRI0703-220 □-4PAD	22	400	1.60
SRI0703-470 □-4PAD	47	560	1.10
SRI0703-510 □-4PAD	51	700	1.00
SRI0703-221 □-4PAD	220	3000	0.53
SRI0703-251 □-4PAD	250	4200	0.34

ELECTRICAL CHARACTERISTICS FOR SRI0704**-4PAD

Part No.	L1=L2(μH)	DCR (mΩ) (max)	IDC (A) (max)
SRI0704-2R5 □-4PAD	2.5	19.8	5.67
SRI0704-3R3 □-4PAD	3.3	24.2	4.86
SRI0704-4R7 □-4PAD	4.7	28.6	4.14
SRI0704-5R6 □-4PAD	5.6	35.2	3.78
SRI0704-6R8 □-4PAD	6.8	38.5	3.51
SRI0704-8R2 □-4PAD	8.2	47.3	3.15
SRI0704-100 □-4PAD	10	55.0	2.70
SRI0704-120 □-4PAD	12	66.0	2.43
SRI0704-150 □-4PAD	15	77.0	2.16
SRI0704-180 □-4PAD	18	93.5	2.07
SRI0704-220 □-4PAD	22	121	1.89
SRI0704-270 □-4PAD	27	137	1.71
SRI0704-330 □-4PAD	33	165	1.53
SRI0704-390 □-4PAD	39	209	1.35
SRI0704-470 □-4PAD	47	231	1.26
SRI0704-560 □-4PAD	56	297	1.17
SRI0704-680 □-4PAD	68	352	1.08
SRI0704-820 □-4PAD	82	396	0.99
SRI0704-101 □-4PAD	100	495	0.88
SRI0704-121 □-4PAD	120	616	0.81
SRI0704-151 □-4PAD	150	742	0.72
SRI0704-181 □-4PAD	180	913	0.65
SRI0704-221 □-4PAD	220	1210	0.59
SRI0704-271 □-4PAD	270	1430	0.54
SRI0704-331 □-4PAD	330	1760	0.48
SRI0704-391 □-4PAD	390	2310	0.45
SRI0704-471 □-4PAD	470	2585	0.41
SRI0704-561 □-4PAD	560	2915	0.37
SRI0704-681 □-4PAD	680	3850	0.34
SRI0704-821 □-4PAD	820	4290	0.31
SRI0704-102 □-4PAD	1000	5940	0.27

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COMMON MODE SMD POWER INDUCTORS / SRI-4PAD TYPE

ELECTRICAL CHARACTERISTICS FOR SRI1205**-4PAD

Part No.	L1=L2(μ H)	DCR (m Ω) (max)	IDC (A) (max)
SRI1205-4R7 □-4PAD	4.7	19.8	9.27
SRI1205-5R6 □-4PAD	5.6	22.0	8.69
SRI1205-6R8 □-4PAD	6.8	26.4	8.28
SRI1205-8R2 □-4PAD	8.2	28.6	7.69
SRI1205-100 □-4PAD	10	33.0	6.66
SRI1205-120 □-4PAD	12	40.7	6.17
SRI1205-150 □-4PAD	15	46.2	5.48
SRI1205-180 □-4PAD	18	52.8	4.77
SRI1205-220 □-4PAD	22	63.8	4.50
SRI1205-270 □-4PAD	27	68.2	4.19
SRI1205-330 □-4PAD	33	73.7	3.79
SRI1205-390 □-4PAD	39	78.1	3.42
SRI1205-470 □-4PAD	47	95.7	2.92
SRI1205-560 □-4PAD	56	108	2.76
SRI1205-680 □-4PAD	68	118	2.54
SRI1205-820 □-4PAD	82	150	2.29
SRI1205-101 □-4PAD	100	177	1.98
SRI1205-121 □-4PAD	120	229	1.84
SRI1205-151 □-4PAD	150	261	1.63
SRI1205-181 □-4PAD	180	294	1.44
SRI1205-221 □-4PAD	220	380	1.35
SRI1205-271 □-4PAD	270	443	1.26
SRI1205-331 □-4PAD	330	600	1.15
SRI1205-391 □-4PAD	390	660	1.04
SRI1205-471 □-4PAD	470	874	0.90
SRI1205-561 □-4PAD	560	995	0.85
SRI1205-681 □-4PAD	680	1133	0.79
SRI1205-821 □-4PAD	820	1457	0.71
SRI1205-102 □-4PAD	1000	1683	0.62

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COMMON MODE SMD POWER INDUCTORS / SRI-4PAD TYPE

ELECTRICAL CHARACTERISTICS FOR SRI1207**-4PAD

Part No.	L1=L2(μ H)	DCR (m Ω) (max)	IDC (A) (max)
SRI1207-4R7 □-4PAD	4.7	20.9	13.4
SRI1207-5R6 □-4PAD	5.6	25.3	12.0
SRI1207-6R8 □-4PAD	6.8	26.4	11.7
SRI1207-8R2 □-4PAD	8.2	27.5	9.72
SRI1207-100 □-4PAD	10	31.9	9.45
SRI1207-120 □-4PAD	12	34.1	8.64
SRI1207-150 □-4PAD	15	39.6	8.19
SRI1207-180 □-4PAD	18	44.0	7.20
SRI1207-220 □-4PAD	22	52.8	6.12
SRI1207-270 □-4PAD	27	66.0	5.85
SRI1207-330 □-4PAD	33	82.5	5.04
SRI1207-390 □-4PAD	39	88.0	4.95
SRI1207-470 □-4PAD	47	99.0	4.68
SRI1207-560 □-4PAD	56	104	4.05
SRI1207-680 □-4PAD	68	115	3.69
SRI1207-820 □-4PAD	82	154	3.42
SRI1207-101 □-4PAD	100	165	3.06
SRI1207-121 □-4PAD	120	225	2.88
SRI1207-151 □-4PAD	150	253	2.52
SRI1207-181 □-4PAD	180	280	2.25
SRI1207-221 □-4PAD	220	379	2.07
SRI1207-271 □-4PAD	270	495	1.89
SRI1207-331 □-4PAD	330	561	1.71
SRI1207-391 □-4PAD	390	616	1.53
SRI1207-471 □-4PAD	470	841	1.44
SRI1207-561 □-4PAD	560	929	1.35
SRI1207-681 □-4PAD	680	1259	1.17
SRI1207-821 □-4PAD	820	1402	1.08
SRI1207-102 □-4PAD	1000	1556	0.99

* Test Frequency : 100KHZ

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SMD COMMON MODE TOROIDS COILS / SFT TYPE

FEATURES

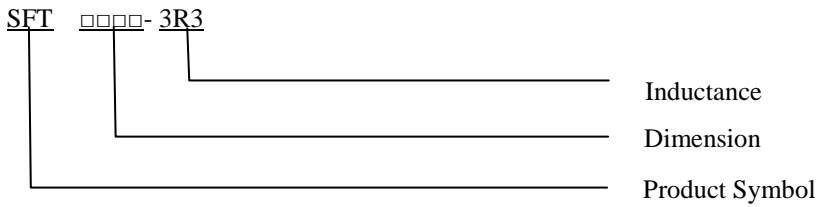
- ◆ Reduced components height
- ◆ High rated currents
- ◆ Suitable for reflow soldering
- ◆ RoHS-compatible



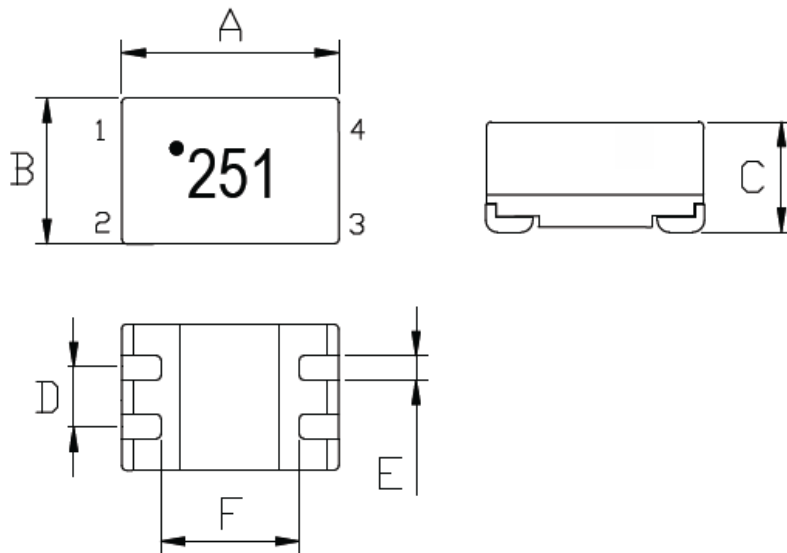
APPLICATIONS

- ◆ Automotive applications
- ◆ Industrial applications
- ◆ Telecom applications

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DIMENSIONS (UNIT: mm)

Part No.	A	B	C	D	E	F
SFT0905	9.2 ± 0.3	6.0 ± 0.3	5.0 ± 0.3	2.54 ± 0.3	1.0 (REF)	5.7 (REF)

SMD COMMON MODE TOROIDS COILS / SFT TYPE

ELECTRICAL CHARACTERISTICS FOR SFT0905

Part No.	Inductance L1=L2 (μ H)	Test Frequency (KHz)	RDC RDC1=RDC2 ($m\Omega$) MAX	IDC (A) MAX
SFT0905-100□	10 +50% / -30%	1KHz / 0.1V	80	1.6
SFT0905-250□	25 \pm 30%	1KHz / 0.1V	120	1.3
SFT0905-400□	40 \pm 30%	1KHz / 0.1V	120	1.3
SFT0905-510□	51 \pm 30%	1KHz / 0.1V	120	1.3
SFT0905-251□	250 \pm 50%	100KHz / 0.05V	130	1.2
SFT0905-501□	500 \pm 50%	100KHz / 0.05V	150	1.0
SFT0905-102□	1000 \pm 50%	100KHz / 0.05V	310	0.8
SFT0905-202□	2000 \pm 50%	100KHz / 0.05V	420	0.6
SFT0905-472□	4700 \pm 50%	100KHz / 0.05V	900	0.4
SFT0905-652□	6500 \pm 50%	100KHz / 0.05V	1050	0.3

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SMD COMMON MODE TOROIDS COILS / SHT TYPE

FEATURES

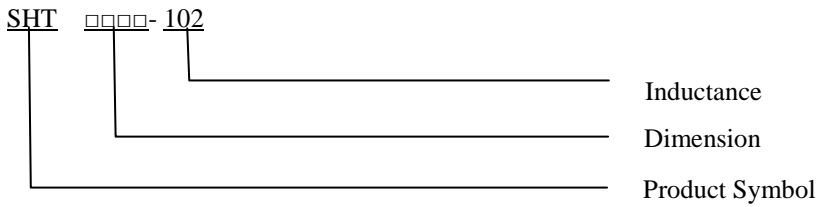
- ◆ Reduced components height
- ◆ High rated currents
- ◆ Suitable for reflow soldering
- ◆ RoHS-compatible



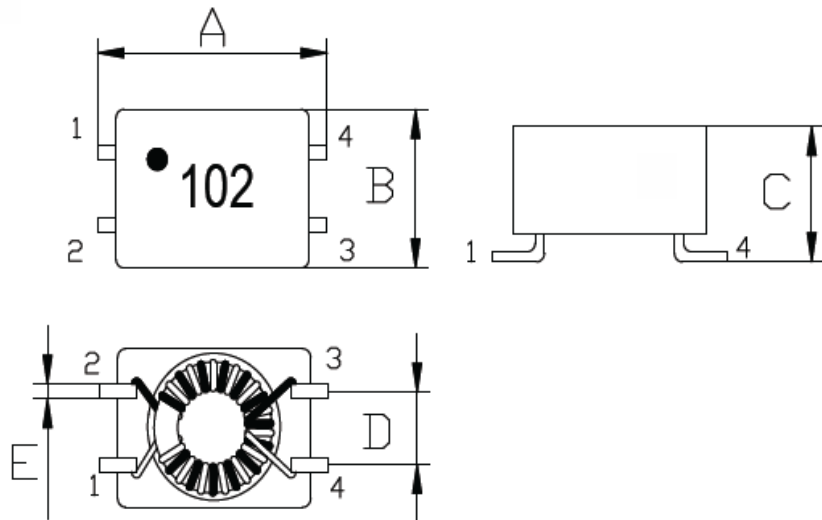
APPLICATIONS

- ◆ Automotive applications
- ◆ Industrial applications
- ◆ Telecom applications

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SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A	B	C	D	E
SHT0905	9.0 ± 0.5	5.5 ± 0.4	5.2 (MAX)	2.54 ± 0.3	0.5 (REF)

SMD COMMON MODE TOROIDS COILS / SHT TYPE

ELECTRICAL CHARACTERISTICS FOR SHT0905

Part No.	Inductance L1=L2 (μ H)	Test Frequency (KHz)	RDC RDC1=RDC2 ($m\Omega$) MAX	IDC (A) MAX
SHT0905-110 □	11 +50% / -30%	100KHz / 0.1V	120	1.0
SHT0905-250 □	25 +50% / -30%	100KHz / 0.1V	120	0.9
SHT0905-510 □	51 +50% / -30%	100KHz / 0.1V	195	0.8
SHT0905-101 □	100 +50% / -30%	100KHz / 0.1V	250	0.7
SHT0905-471 □	470 +50% / -30%	100KHz / 0.1V	280	0.7
SHT0905-102 □	1000 +50% / -30%	100KHz / 0.1V	300	0.7
SHT0905-222 □	2200 +50% / -30%	100KHz / 0.1V	400	0.5
SHT0905-472 □	4700 +50% / -30%	100KHz / 0.1V	700	0.4

HIGH CURRENT COMMON MODE FILTERS / SCM TYPE

FEATURES

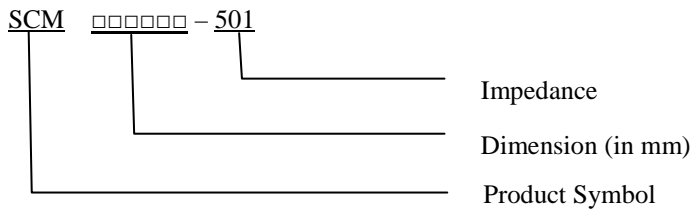
- ◆ High common mode impedance at high frequency effects excellent noise suppression performance.
- ◆ The common mode filters structure enables noise suppression without degrading the signal.
- ◆ Suitable for and reflow soldering



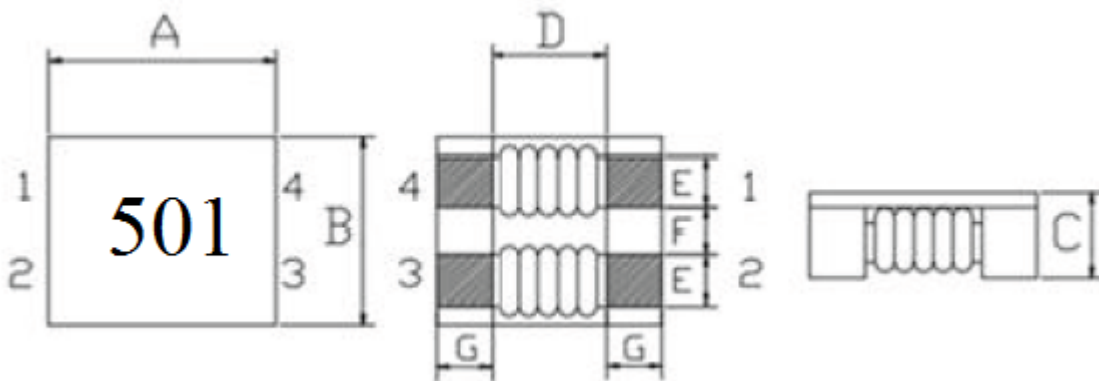
APPLICATIONS

- ◆ EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, Countermeasures against common-mode noise at composite at video signals.

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SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A	B	C (Max)	D (Ref.)	E (Ref.)	F (Ref.)	G (Ref.)
SCM474520	4.7 ± 0.5	4.5 ± 0.5	2.2	2.7	0.75	1.26	1.0
SCM706040	7.0 ± 0.5	6.0 ± 0.5	4.0	3.5	1.50	1.50	1.7
SCM907050	9.0 ± 0.5	7.0 ± 0.5	5.0	5.7	1.50	2.00	1.7
SCM121166	12.0 ± 0.5	10.8 ± 0.5	6.6	7.0	2.70	2.50	2.5

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HIGH CURRENT COMMON MODE FILTERS / SCM TYPE

ELECTRICAL CHARACTERISTICS FOR SCM474520

Part No.	Impedance (Ω) (Min) N1=N2	Test Frequency (MHz)	DC Resistance (m Ω)(Max)	Rated Current (A) (Max)
SCM 474520-900	30	100MHz	35	3.2
SCM 474520-151	80	100MHz	40	3.1
SCM 474520-301	100	100MHz	45	3.0
SCM 474520-501	300	100MHz	55	2.4

ELECTRICAL CHARACTERISTICS FOR SCM706040

Part No.	Impedance (Ω) (Min) N1=N2	Test Frequency (MHz)	DC Resistance (m Ω)(Max)	Rated Current (B) (Max)
SCM 706040-400	40	100MHz	5	15
SCM 706040-101	100	100MHz	10	9.0
SCM 706040-301	225	100MHz	10	5.0
SCM 706040-501	275	100MHz	10	5.0
SCM 706040-601	500	100MHz	15	4.0
SCM 706040-701	500	100MHz	15	4.0
SCM 706040-102	800	100MHz	17	3.0
SCM 706040-132	910	100MHz	21	2.5
SCM 706040-222	1700	100MHz	50	1.2
SCM 706040-272	2000	100MHz	63	1.0
SCM 706040-302	2500	100MHz	75	0.9

ELECTRICAL CHARACTERISTICS FOR SCM907050

Part No.	Impedance (Ω) (Min) N1=N2	Test Frequency (MHz)	DC Resistance (m Ω)(Max)	Rated Current (A) (Max)
SCM 907050-301	225	100MHz	6	6.0
SCM 907050-501	450	100MHz	8	5.5
SCM 907050-701	500	100MHz	10	5.0
SCM 907050-102	750	100MHz	13	4.0
SCM 907050-222	1700	100MHz	60	2.5
SCM 907050-272	2000	100MHz	65	2.0
SCM 907050-302	2500	100MHz	70	1.9

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HIGH CURRENT COMMON MODE FILTERS / SCM TYPE

ELECTRICAL CHARACTERISTICS FOR SCM121166

Part No.	Impedance (Ω) (Min) N1=N2	Test Frequency (MHz)	DC Resistance (m Ω)(Max)	Rated Current (A) (Max)
SCM 121166-800	80	100MHz	4	10
SCM 121166-701	500	100MHz	6	8.0
SCM 121166-801	600	100MHz	8	8.0
SCM 121166-102	750	100MHz	14	6.0
SCM 121166-132	910	100MHz	23	4.5
SCM 121166-222	2200	100MHz	35	1.8
SCM 121166-272	2300	100MHz	50	1.5

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HIGH CURRENT COMMON MODE CHOKE COILS / CM TYPE

FEATURES

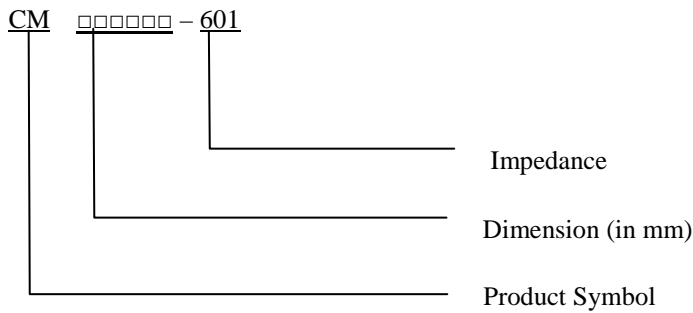
- ◆ High common mode impedance at high frequency effects excellent noise suppression performance.
- ◆ The common mode choke coils structure enables noise suppression without degrading the signal.
- ◆ Suitable for and reflow soldering



APPLICATIONS

- ◆ EMI countermeasures at signal lines of personal computers, microcomputers, peripheral devices, Countermeasures against common-mode noise at composite at video signals.

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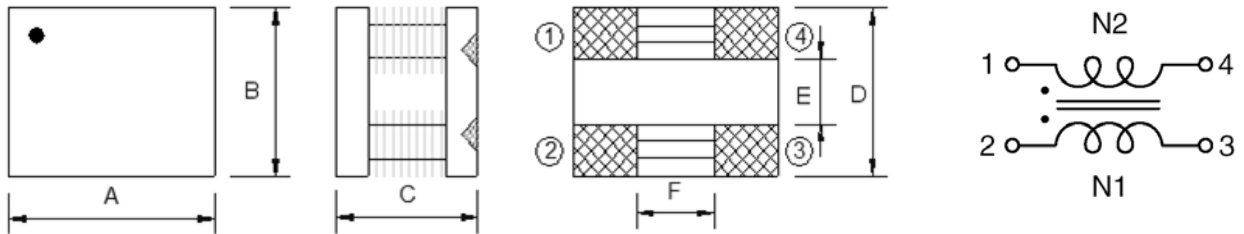


Fig.1

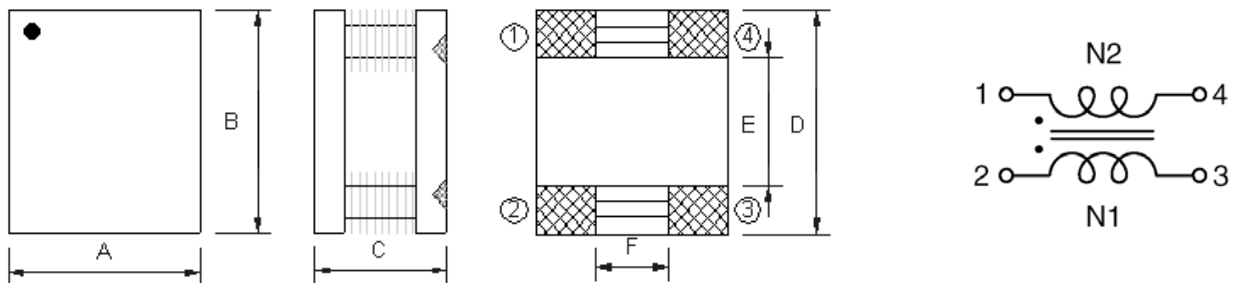


Fig.2

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HIGH CURRENT COMMON MODE CHOKE COILS / CM TYPE

DIMENSIONS (UNIT: mm)

Part No.	Fig.	A	B	C	D (Ref.)	E (Ref.)	F (Ref.)
CM508505	1	8.5 ± 0.3	5.00 ± 0.3	5.0 ± 0.3	5.0	1.8	4.0
CM750603	2	6.0 ± 0.3	7.50 ± 0.3	3.2 ± 0.3	7.5	2.5	1.8
CM100805	2	8.0 ± 0.3	10.0 ± 0.3	5.2 ± 0.3	10.0	4.0	2.5
CM121006	2	10.0 ± 0.5	12.0 ± 0.5	6.2 ± 0.3	12.0	5.0	3.0

ELECTRICAL CHARACTERISTICS FOR CM508505

Part No.	Rated Current (mA)	Impedance (Ω) (Ref.)	Test Frequency	DC Resistance (mΩ)(Max)
CM 508505-701	2500	700	100MHz	35
CM 508505-102	2500	1000	100MHz	75
CM 508505-202	2000	2000	100MHz	75
CM 508505-222	2000	2200	100MHz	75

ELECTRICAL CHARACTERISTICS FOR CM750603

Part No.	Rated Current (mA)	Impedance (Ω) (Ref.)	Test Frequency	DC Resistance (mΩ)(Max)
CM 750603-301	5000	300	100MHz	10
CM 750603-601	2500	600	100MHz	45
CM 750603-701	2500	700	100MHz	45

ELECTRICAL CHARACTERISTICS FOR CM100805

Part No.	Rated Current (mA)	Impedance (Ω) (Ref.)	Test Frequency	DC Resistance (mΩ)(Max)
CM 100805-501	5000	500	100MHz	10
CM 100805-601	4000	600	100MHz	30
CM 100805-102	4000	1000	100MHz	30
CM 100805-152	3000	700	100MHz	60
CM 100805-202	2000	500	100MHz	75

ELECTRICAL CHARACTERISTICS FOR CM121006

Part No.	Rated Current (mA)	Impedance (Ω) (Ref.)	Test Frequency	DC Resistance (mΩ)(Max)
CM 121006-201	6000	200	100MHz	20
CM 121006-501	5000	500	100MHz	25
CM 121006-901	5000	900	100MHz	25
CM 121006-102	5000	1000	100MHz	25
CM 121006-122	5000	1200	100MHz	45
CM 121006-202	5000	2000	100MHz	45
CM 121006-302	2500	3000	100MHz	150

Note:

- 1, Inductance is measured by LCR-meter 4284A (HP) or equivalent.
- 2, DC Resistance is measured by HP4338B Milliohms Meter or equivalent.

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SMD COMMON MODE CHOKE / WCB TYPE

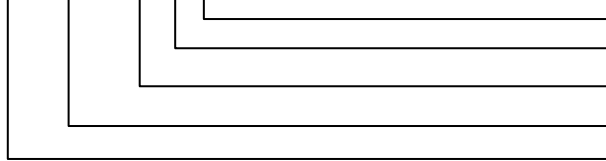
FEATURES

Miniature SMD type common mode filter for fully automated assembly.
 Wide impedance range (25Ω~1400Ω) for noise suppression.
 Excellent Solderability.



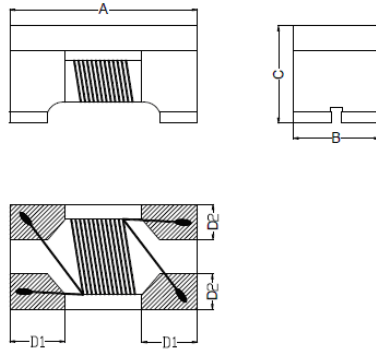
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WCB 2012 - 900 Y-N



Note: lead-free
 Tolerance (Y:±25%)
 Impedance
 Dimension (AxB)
 SMD Common Mode

SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A (±0.2)	B (±0.2)	C (±0.2)	D1 (Ref.)	D2 (Ref.)
WCB 1210	1.20	1.00	0.90 MAX	0.33	0.15 MAX
WCB 1608	1.60	0.80	1.10	0.33	0.10
WCB 2012	2.00	1.20	1.20	0.55	0.46
WCB 3216	3.20	1.60	2.00	0.50	0.50
WCB 3225	3.20	2.50	2.20	0.65	1.00
WCB 4532	4.50	3.20	2.80	1.00	1.00



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SMD COMMON MODE CHOKE / WCB TYPE

ELECTRICAL CHARACTERISTICS FOR WCB1210

Part No.	Impedance (Ω)100MHz	DC Resistance (Ω) Max	Rated Current (mA)Max
WCB 1210-250Y-N	25	0.30	300
WCB 1210-600 Y-N	60	0.40	300
WCB 1210-670Y-N	67	0.40	300
WCB 1210-900 Y-N	90	0.50	280
WCB 1210-121Y-N	120	0.55	270
WCB 1210-161Y-N	160	0.58	260
WCB 1210-181Y-N	180	0.60	260
WCB 1210-251Y-N	250	0.70	230
WCB 1210-331Y-N	330	0.80	200

ELECTRICAL CHARACTERISTICS FOR WCB1608

Part No.	Impedance (Ω)100MHz	DC Resistance (Ω) Max	Rated Current (mA)Max
WCB 1608-600Y-N	60	0.30	300
WCB 1608-670 Y-N	67	0.30	300
WCB 1608-900Y-N	90	0.30	300
WCB 1608-121 Y-N	120	0.36	250
WCB 1608-161Y-N	160	0.40	200
WCB 1608-221Y-N	220	0.42	200

ELECTRICAL CHARACTERISTICS FOR WCB2012

Part No.	Impedance (Ω)100MHz	DC Resistance (Ω) Max	Rated Current (mA)Max
WCB 2012-900Y-N	90	0.30	400
WCB 2012-121Y-N	120	0.15	400
WCB 2012-161Y-N	160	0.35	350
WCB 2012-221Y-N	220	0.40	300

ELECTRICAL CHARACTERISTICS FOR WCB3216

Part No.	Impedance (Ω)100MHz	DC Resistance (Ω) Max	Rated Current (mA)Max
WCB 3216-900Y-N	90	0.30	400
WCB 3216-161Y-N	160	0.35	350
WCB 3216-221Y-N	220	0.45	300

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SMD COMMON MODE CHOKE / WCB TYPE

ELECTRICAL CHARACTERISTICS FOR WCB3225

Part No.	Impedance (Ω)100MHz	DC Resistance (Ω) Max	Rated Current (mA)Max
WCB 3225-501Y-N	500	0.10	2000
WCB 3225-102Y-N	1000	0.10	1500

ELECTRICAL CHARACTERISTICS FOR WCB4532

Part No.	Impedance (Ω)100MHz	DC Resistance (Ω) Max	Rated Current (mA)Max
WCB 4532-900 Y-N	90	0.050	4000
WCB 4532-231 Y-N	230	0.051	3500
WCB 4532-421Y-N	420	0.052	3200
WCB 4532-601 Y-N	600	0.065	2500
WCB 4532-801Y-N	800	0.100	2300
WCB 4532-901Y-N	900	0.100	2200
WCB 4532-102Y-N	1000	0.110	2100
WCB 4532-142Y-N	1400	0.120	2000

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AXIAL FIXED INDUCTORS / AL TYPE

FEATURES

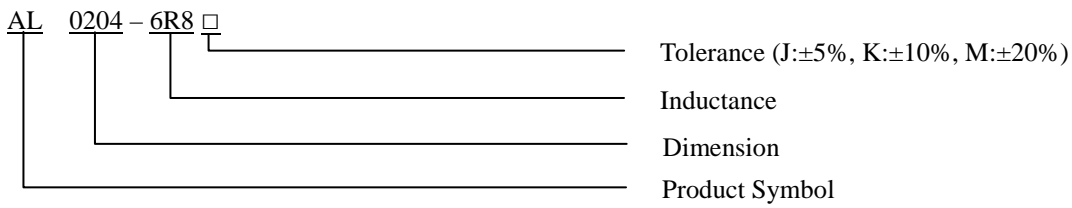
- ◆ Wide inductance range
- ◆ Ideal for auto insertion
- ◆ Conformal coated inductors
- ◆ Epoxy resin coating makes it high reliability
- ◆ Special magnetic core structure contributes to high Q and Self-Resonant Frequencies



APPLICATIONS

- ◆ RF coils
- ◆ Choke coils
- ◆ Peaking coils

ORDERING CODE



SHAPES & DIMENSIONS (UNIT: mm)

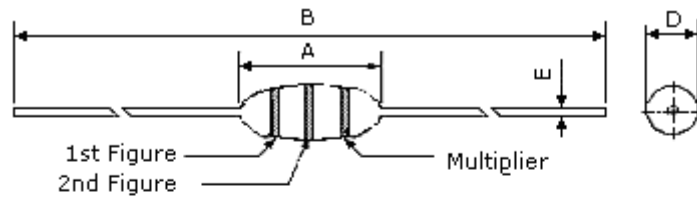


Fig. 1

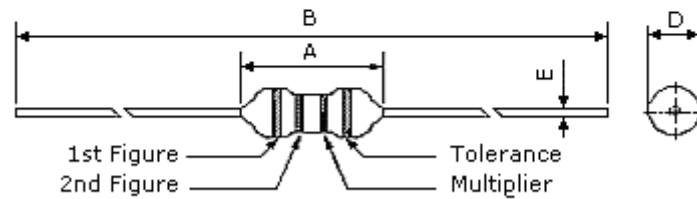


Fig. 2

Part No.	Fig.	A (Max)	B (±2.0)	D (Max)	E (±0.05)
AL 0204	1	4.0	62	3.0	0.55
AL 0307	2	8.0	62	3.0	0.55
AL 0410	2	12.0	62	4.0	0.65
AL 0510	2	12.0	62	5.0	0.65

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AXIAL FIXED INDUCTORS / AL TYPE

ELECTRICAL CHARACTERISTICS FOR AL0204

Part No.	Inductance (uH)	Quality Factor (Min)	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	IDC (mA) Max
AL 0204-R10 M	0.10	50	25.2	250	0.030	700
AL 0204-R12 M	0.12	55	25.2	230	0.035	660
AL 0204-R15 M	0.15	55	25.2	200	0.040	620
AL 0204-R18 M	0.18	55	25.2	180	0.045	600
AL 0204-R22 M	0.22	55	25.2	160	0.050	400
AL 0204-R27 M	0.27	50	25.2	150	0.065	380
AL 0204-R33 M	0.33	50	25.2	150	0.075	370
AL 0204-R39 M	0.39	50	25.2	150	0.080	350
AL 0204-R47 M	0.47	60	25.2	150	0.085	330
AL 0204-R56 M	0.56	60	25.2	150	0.090	320
AL 0204-R68 M	0.68	50	25.2	120	0.10	310
AL 0204-R82 M	0.82	50	25.2	110	0.15	290
AL 0204-1R0 K	1.00	50	25.2	110	0.22	270
AL 0204-1R2 K	1.20	40	7.96	100	0.30	260
AL 0204-1R5 K	1.50	40	7.96	80	0.35	250
AL 0204-1R8 K	1.80	40	7.96	65	0.45	240
AL 0204-2R2 K	2.20	40	7.96	55	0.55	230
AL 0204-2R7 K	2.70	40	7.96	50	0.60	220
AL 0204-3R3 K	3.30	40	7.96	42	0.65	210
AL 0204-3R9 K	3.90	45	7.96	38	0.85	200
AL 0204-4R7 K	4.70	45	7.96	34	1.00	190
AL 0204-5R6 K	5.60	45	7.96	32	1.15	180
AL 0204-6R8 K	6.80	40	7.96	30	1.20	175
AL 0204-8R2 K	8.20	40	7.96	26	1.25	165
AL 0204-100 K	10	40	7.96	24	1.5	160
AL 0204-120 K	12	50	2.52	22	2.2	150
AL 0204-150 K	15	50	2.52	20	2.5	145
AL 0204-180 K	18	50	2.52	18	2.8	140
AL 0204-220 K	22	50	2.52	17	3.0	130
AL 0204-270 K	27	55	2.52	14	3.5	80
AL 0204-330 K	33	55	2.52	14	3.8	76
AL 0204-390 K	39	50	2.52	13	4.2	76
AL 0204-470 K	47	50	2.52	12	5.8	70
AL 0204-560 K	56	50	2.52	11	6.4	68
AL 0204-680 K	68	50	2.52	10	7.2	64
AL 0204-820 K	82	50	2.52	9.5	8.5	46
AL 0204-101 K	100	50	2.52	8.0	11	44
AL 0204-121 K	120	30	0.796	6.5	19	42
AL 0204-151 K	150	30	0.796	6.0	22	39
AL 0204-181 K	180	30	0.796	5.2	24	37
AL 0204-221 K	220	30	0.796	4.5	28	35
AL 0204-271 K	270	30	0.796	3.5	29	28
AL 0204-331 K	330	30	0.796	3.0	30	26
AL 0204-391 K	390	30	0.796	2.7	32	25
AL 0204-471 K	470	30	0.796	2.6	35	24
AL 0204-561 K	560	30	0.796	2.5	40	23
AL 0204-681 K	680	30	0.796	2.2	42	22
AL 0204-821 K	820	30	0.796	2.1	46	21
AL 0204-102 K	1000	30	0.796	2.0	52	20

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AXIAL FIXED INDUCTORS / AL TYPE

ELECTRICAL CHARACTERISTICS FOR AL0307

Part No.	Inductance (uH)	Quality Factor (Min)	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	IDC (mA) Max
AL 0307-R10 K	0.10	40	25.2	470	0.08	700
AL 0307-R12 K	0.12	40	25.2	450	0.08	700
AL 0307-R15 K	0.15	40	25.2	430	0.09	700
AL 0307-R18 K	0.18	40	25.2	410	0.10	700
AL 0307-R22 K	0.22	40	25.2	380	0.12	700
AL 0307-R27 K	0.27	40	25.2	360	0.15	680
AL 0307-R33 K	0.33	40	25.2	350	0.16	680
AL 0307-R39 K	0.39	40	25.2	320	0.18	680
AL 0307-R47 K	0.47	40	25.2	300	0.26	650
AL 0307-R56 K	0.56	40	25.2	280	0.38	500
AL 0307-R68 K	0.68	40	25.2	250	0.42	500
AL 0307-R82 K	0.82	40	25.2	200	0.55	450
AL 0307-1R0 K	1.00	65	25.2	180	0.12	700
AL 0307-1R2 K	1.20	50	7.96	165	0.18	740
AL 0307-1R5 K	1.50	50	7.96	150	0.20	700
AL 0307-1R8 K	1.80	70	7.96	125	0.23	655
AL 0307-2R2 K	2.20	50	7.96	85	0.25	630
AL 0307-2R7 K	2.70	60	7.96	95	0.28	595
AL 0307-3R3 K	3.30	60	7.96	75	0.30	575
AL 0307-3R9 K	3.90	60	7.96	65	0.32	555
AL 0307-4R7 K	4.70	50	7.96	50	0.35	530
AL 0307-5R6 K	5.60	50	7.96	40	0.40	500
AL 0307-6R8 K	6.80	50	7.96	30	0.45	470
AL 0307-8R2 K	8.20	50	7.96	28	0.55	425
AL 0307-100 K	10	50	7.96	22	0.72	370
AL 0307-120 K	12	50	2.52	20	0.80	350
AL 0307-150 K	15	50	2.52	16	0.88	335
AL 0307-180 K	18	50	2.52	15	1.00	315
AL 0307-220 K	22	60	2.52	13	1.20	285
AL 0307-270 K	27	60	2.52	11	1.35	270
AL 0307-330 K	33	50	2.52	10	1.50	255
AL 0307-390 K	39	50	2.52	9.50	1.70	240
AL 0307-470 K	47	60	2.52	8.50	2.30	205
AL 0307-560 K	56	60	2.52	7.50	2.60	195
AL 0307-680 K	68	60	2.52	6.50	3.20	185
AL 0307-820 K	82	55	2.52	6.00	3.50	175
AL 0307-101 K	100	60	2.52	5.50	3.80	165
AL 0307-121 K	120	75	0.796	5.40	3.80	160
AL 0307-151 K	150	75	0.796	4.75	4.40	150
AL 0307-181 K	180	75	0.796	4.35	5.00	140
AL 0307-221 K	220	75	0.796	4.00	5.70	130
AL 0307-271 K	270	70	0.796	3.70	6.50	120
AL 0307-331 K	330	70	0.796	3.40	9.50	100
AL 0307-391 K	390	70	0.796	2.80	10.5	95
AL 0307-471 K	470	70	0.796	2.60	12.5	90
AL 0307-561 K	560	70	0.796	2.40	14.5	85
AL 0307-681 K	680	70	0.796	2.00	18.0	75
AL 0307-821 K	820	60	0.796	1.60	23.7	65
AL 0307-102 K	1000	60	0.796	1.15	30.0	60

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AXIAL FIXED INDUCTORS / AL TYPE

ELECTRICAL CHARACTERISTICS FOR AL0410

Part No.	Inductance (uH)	Quality Factor (Min)	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	IDC (mA) Max
AL 0410-R10 M	0.10	50	25.2	470	0.04	900
AL 0410-R12 M	0.12	50	25.2	450	0.06	900
AL 0410-R15 M	0.15	50	25.2	430	0.07	890
AL 0410-R18 M	0.18	50	25.2	410	0.07	890
AL 0410-R22 M	0.22	50	25.2	380	0.08	880
AL 0410-R27 M	0.27	50	25.2	340	0.09	800
AL 0410-R33 M	0.33	50	25.2	300	0.10	750
AL 0410-R39 M	0.39	50	25.2	280	0.12	680
AL 0410-R47 M	0.47	50	25.2	250	0.16	650
AL 0410-R56 M	0.56	50	25.2	230	0.18	600
AL 0410-R68 M	0.68	50	25.2	210	0.22	550
AL 0410-R82 M	0.82	50	25.2	172	0.24	980
AL 0410-1R0 K	1.00	50	25.2	157	0.09	920
AL 0410-1R2 K	1.20	50	7.96	144	0.10	880
AL 0410-1R5 K	1.50	55	7.96	131	0.23	830
AL 0410-1R8 K	1.80	60	7.96	121	0.25	790
AL 0410-2R2 K	2.20	80	7.96	110	0.28	750
AL 0410-2R7 K	2.70	85	7.96	100	0.30	720
AL 0410-3R3 K	3.30	90	7.96	94	0.34	670
AL 0410-3R9 K	3.90	90	7.96	86	0.37	640
AL 0410-4R7 K	4.70	90	7.96	80	0.39	620
AL 0410-5R6 K	5.60	80	7.96	74	0.43	590
AL 0410-6R8 K	6.80	80	7.96	58	0.48	550
AL 0410-8R2 K	8.20	85	7.96	53	0.52	530
AL 0410-100 K	10	85	7.96	45	0.58	500
AL 0410-120 K	12	75	2.52	30	0.63	480
AL 0410-150 K	15	75	2.52	20	0.72	460
AL 0410-180 K	18	70	2.52	14	0.77	430
AL 0410-220 K	22	65	2.52	9.90	0.84	410
AL 0410-270 K	27	65	2.52	7.60	0.94	390
AL 0410-330 K	33	55	2.52	6.30	1.03	370
AL 0410-390 K	39	55	2.52	6.30	1.12	350
AL 0410-470 K	47	45	2.52	6.30	1.22	340
AL 0410-560 K	56	45	2.52	6.20	1.34	320
AL 0410-680 K	68	40	2.52	5.70	1.47	305
AL 0410-820 K	82	35	2.52	5.30	1.62	290
AL 0410-101 K	100	30	2.52	4.80	1.80	275
AL 0410-121 K	120	70	0.796	3.80	3.70	185
AL 0410-151 K	150	80	0.796	3.50	4.20	175
AL 0410-181 K	180	80	0.796	3.30	4.60	165
AL 0410-221 K	220	70	0.796	3.00	5.10	155
AL 0410-271 K	270	70	0.796	2.80	5.80	145
AL 0410-331 K	330	65	0.796	2.60	6.40	137
AL 0410-391 K	390	65	0.796	2.40	7.00	133
AL 0410-471 K	470	60	0.796	2.25	7.70	126
AL 0410-561 K	560	60	0.796	2.10	8.50	120
AL 0410-681 K	680	55	0.796	1.95	9.40	113
AL 0410-821 K	820	55	0.796	1.85	12.0	100
AL 0410-102 K	1000	50	0.796	1.40	17.0	100

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AXIAL FIXED INDUCTORS / AL TYPE

ELECTRICAL CHARACTERISTICS FOR AL0510

Part No.	Inductance (uH)	Quality Factor (Min)	Test Freq. (MHz)	SRF (MHz) Min	DCR (Ω) Max	IDC (mA) Max
AL 0510-102 K	1000	80	1	252	8	120
AL 0510-122 K	1200	80	1	252	9	110
AL 0510-152 K	1500	80	1	252	10	100
AL 0510-182 K	1800	80	1	252	11	90
AL 0510-222 K	2200	80	1	252	14	80
AL 0510-272 K	2700	80	1	252	18	75
AL 0510-332 K	3300	80	1	252	22	65
AL 0510-392 K	3900	80	1	252	26	60
AL 0510-472 K	4700	80	1	252	30	55
AL 0510-562 K	5600	60	1	252	34	50
AL 0510-682 K	6800	60	1	252	45	45
AL 0510-822 K	8200	60	1	252	60	40
AL 0510-103 K	10000	60	1	252	70	38
AL 0510-123 K	12000	60	1	252	82	35
AL 0510-153 K	15000	60	1	252	89	32
AL 0510-183 K	18000	40	1	79.6	140	28
AL 0510-223 K	22000	40	1	79.6	170	25
AL 0510-273 K	27000	40	1	79.6	210	23
AL 0510-303 K	30000	40	1	79.6	240	22
AL 0510-333 K	33000	40	1	79.6	250	20
AL 0510-393 K	39000	40	1	79.6	270	16

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COMMON MODE CHOKE COILS / LFV TYPE

FEATURES

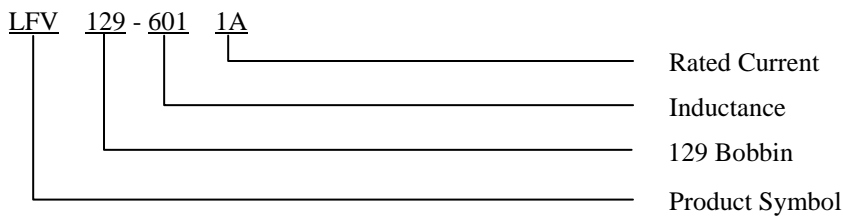
- ◆ Wide inductance range
- ◆ Easy PC Board Mounting
- ◆ High levels of safety and reliability
- ◆ Available as vertically or horizontally mounted



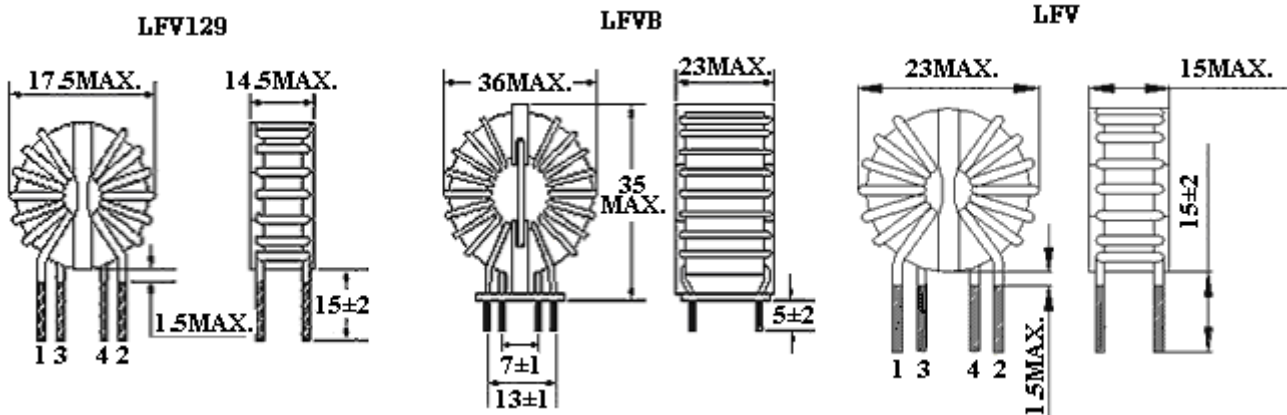
APPLICATIONS

- ◆ TV, VCR
- ◆ NC machines
- ◆ Peripheral units
- ◆ Computer systems
- ◆ Measuring instruments
- ◆ Switching power sources

ORDERING CODE



SHAPES & DIMENSIONS (UNIT: mm)



ELECTRICAL CHARACTERISTICS

Part No.	Inductance (mH) (MIN)	DC Resistance (mΩ) MAX	Rated Current (A)
LFV129	0.6-5	30-150	1-3
LFVB	0.2-5	5-70	3-15
LFV	1.0-10	80-260	1-2

*DESIGN AS CUSTOMER'S REQUESTED SPECIFICATIONS

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FILTER CHOKE / SRC TYPE

FEATURES

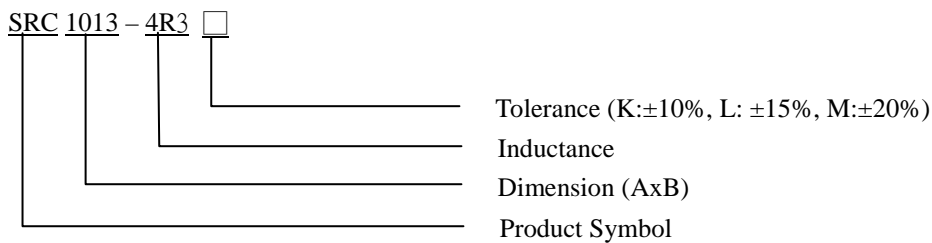
- ◆ Low distortion.
- ◆ The magnetic shield in a metal case is available.



APPLICATIONS

- ◆ Magnetically shielded construction.
- ◆ Ideally Used in Printers, LCD TV, DVD, Printer, Copy Machine, Main board of the compounding machines, etc as Power Supplies's Inductors or DC-DC Converter inductors.

ORDERING CODE



SHAPES

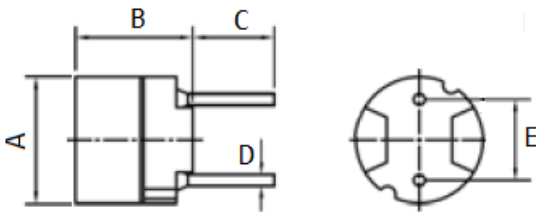


Fig. 1

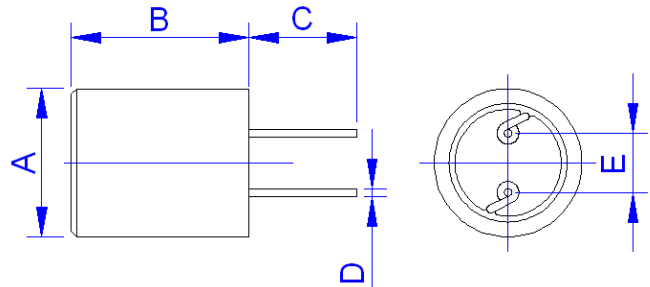


Fig. 2

DIMENSIONS UNIT: mm (inch)

Part No.	Fig.	A (MAX)	B (MAX)	C (REF)	D (REF)	E (REF)
SRC0606	1	6.50	6.50	5.0	0.55	4.0
SRC0807	1	8.30	7.50	5.0	0.65	5.0
SRC1013	2	11.0	13.5	5.0	0.7 ± 0.1	5.0
SRC1317	2	13.5	17.5	4.5	0.7 ± 0.1	5.0
SRC1616	2	16.0	16.5	5.0	0.8 ± 0.1	7.5
SRC1619	2	16.0	19.2	5.0	1.0 ± 0.1	7.5

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FILTER CHOKE / SRC TYPE

ELECTRICAL CHARACTERISTICS FOR SRC0606

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC0606-220L	22 ± 15%	0.13	0.96
SRC0606-270L	27 ± 15%	0.18	0.87
SRC0606-330L	33 ± 15%	0.21	0.78
SRC0606-390L	39 ± 15%	0.26	0.72
SRC0606-470L	47 ± 15%	0.29	0.66
SRC0606-560K	56 ± 10%	0.33	0.60
SRC0606-680K	68 ± 10%	0.36	0.55
SRC0606-820K	82 ± 10%	0.39	0.50
SRC0606-101K	100 ± 10%	0.54	0.45
SRC0606-121K	120 ± 10%	0.62	0.41
SRC0606-151K	150 ± 10%	0.72	0.37
SRC0606-181K	180 ± 10%	0.88	0.34
SRC0606-221K	220 ± 10%	0.99	0.30
SRC0606-271K	270 ± 10%	1.52	0.27
SRC0606-331K	330 ± 10%	1.69	0.25
SRC0606-391K	390 ± 10%	1.85	0.23
SRC0606-471K	470 ± 10%	2.85	0.21
SRC0606-561K	560 ± 10%	3.21	0.19
SRC0606-681K	680 ± 10%	3.60	0.17
SRC0606-821K	820 ± 10%	4.87	0.16
SRC0606-102K	1000 ± 10%	5.65	0.14

ELECTRICAL CHARACTERISTICS FOR SRC0807

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC0807-220L	22 ± 15%	0.08	1.600
SRC0807-270L	27 ± 15%	0.10	1.400
SRC0807-330L	33 ± 15%	0.14	1.300
SRC0807-390L	39 ± 15%	0.15	1.200
SRC0807-470L	47 ± 15%	0.17	1.100
SRC0807-560K	56 ± 10%	0.19	0.990
SRC0807-680K	68 ± 10%	0.21	0.890
SRC0807-820K	82 ± 10%	0.27	0.810
SRC0807-101K	100 ± 10%	0.32	0.740
SRC0807-121K	120 ± 10%	0.36	0.670
SRC0807-151K	150 ± 10%	0.51	0.600
SRC0807-181K	180 ± 10%	0.57	0.550
SRC0807-221K	220 ± 10%	0.76	0.500

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FILTER CHOKE / SRC TYPE

ELECTRICAL CHARACTERISTICS FOR SRC0807

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC0807-271K	270 ± 10%	0.86	0.450
SRC0807-331K	330 ± 10%	0.97	0.410
SRC0807-391K	390 ± 10%	1.28	0.370
SRC0807-471K	470 ± 10%	1.44	0.340
SRC0807-561K	560 ± 10%	1.61	0.310
SRC0807-681K	680 ± 10%	2.07	0.280
SRC0807-821K	820 ± 10%	2.33	0.260
SRC0807-102K	1000 ± 10%	2.72	0.230
SRC0807-122K	1200 ± 10%	3.98	0.210
SRC0807-152K	1500 ± 10%	4.50	0.190
SRC0807-182K	1800 ± 10%	6.81	0.170
SRC0807-222K	2200 ± 10%	7.56	0.160
SRC0807-272K	2700 ± 10%	8.54	0.140
SRC0807-332K	3300 ± 10%	9.74	0.130
SRC0807-392K	3900 ± 10%	12.9	0.120
SRC0807-472K	4700 ± 10%	14.7	0.110
SRC0807-562K	5600 ± 10%	20.4	0.099
SRC0807-682K	6800 ± 10%	23.0	0.089
SRC0807-822K	8200 ± 10%	30.6	0.081
SRC0807-103K	10000 ± 10%	35.0	0.074

ELECTRICAL CHARACTERISTICS FOR SRC1013

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC1013-4R3M	4.3 ± 20%	0.021	4.60
SRC1013-6R8M	6.8 ± 20%	0.024	3.60
SRC1013-100M	10 ± 20%	0.030	3.46
SRC1013-150M	15 ± 20%	0.038	2.57
SRC1013-220M	22 ± 20%	0.045	2.21
SRC1013-330M	33 ± 20%	0.057	1.83
SRC1013-470M	47 ± 20%	0.090	1.60
SRC1013-680M	68 ± 20%	0.150	1.36
SRC1013-101M	100 ± 20%	0.210	1.10
SRC1013-151M	150 ± 20%	0.242	0.86
SRC1013-221M	220 ± 20%	0.360	0.74
SRC1013-331M	330 ± 20%	0.430	0.57
SRC1013-471M	470 ± 20%	0.810	0.48
SRC1013-681M	680 ± 20%	0.952	0.38
SRC1013-102M	1000 ± 20%	1.600	0.39

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FILTER CHOKE / SRC TYPE

ELECTRICAL CHARACTERISTICS FOR SRC1317

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC1317-330M	33 ± 20%	0.058	4.80
SRC1317-470M	47 ± 20%	0.069	4.30
SRC1317-680M	68 ± 20%	0.101	3.30
SRC1317-820M	82 ± 20%	0.110	3.10
SRC1317-101M	100 ± 20%	0.125	2.80
SRC1317-151L	150 ± 15%	0.195	2.40
SRC1317-221L	220 ± 15%	0.278	1.90
SRC1317-331L	330 ± 15%	0.360	1.60
SRC1317-471L	470 ± 15%	0.530	1.35
SRC1317-681L	680 ± 15%	0.780	1.12
SRC1317-821L	820 ± 15%	0.950	1.02
SRC1317-102L	1000 ± 15%	1.180	0.90
SRC1317-152L	1500 ± 15%	1.400	0.72
SRC1317-222L	2200 ± 15%	2.280	0.62
SRC1317-332L	3300 ± 15%	3.310	0.51
SRC1317-472L	4700 ± 15%	5.020	0.43

ELECTRICAL CHARACTERISTICS FOR SRC1616

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC1616-4R7M	4.7 ± 20%	0.0670	12.6
SRC1616-6R8M	6.8 ± 20%	0.0935	9.8
SRC1616-100M	10 ± 20%	0.0105	9.3
SRC1616-150M	15 ± 20%	0.0145	7.1
SRC1616-220M	22 ± 20%	0.0170	6.2
SRC1616-330M	33 ± 20%	0.0270	5.0
SRC1616-470M	47 ± 20%	0.0370	4.2
SRC1616-680M	68 ± 20%	0.0560	3.3
SRC1616-820M	82 ± 20%	0.0645	2.9
SRC1616-101K	100 ± 10%	0.0680	2.7
SRC1616-151K	150 ± 10%	0.0910	2.3
SRC1616-221K	220 ± 10%	0.1550	1.8
SRC1616-331K	330 ± 10%	0.2400	1.5
SRC1616-471K	470 ± 10%	0.2800	1.2
SRC1616-681K	680 ± 10%	0.5150	1.0
SRC1616-821K	820 ± 10%	0.5750	0.96
SRC1616-102K	1000 ± 10%	0.6650	0.85

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FILTER CHOKE / SRC TYPE

ELECTRICAL CHARACTERISTICS FOR SRC1619

Part No.	Inductance (uH)	DC Resistance (Ω) Max	Rated Current (A) Max
SRC1619-100M	10 ± 20%	0.020	7.0
SRC1619-150M	15 ± 20%	0.022	6.0
SRC1619-180M	18 ± 20%	0.025	5.2
SRC1619-220K	22 ± 10%	0.028	4.9
SRC1619-330K	33 ± 10%	0.033	3.9
SRC1619-470K	47 ± 10%	0.038	3.4
SRC1619-680K	68 ± 10%	0.046	2.90
SRC1619-101K	100 ± 10%	0.053	2.50
SRC1619-151K	150 ± 10%	0.077	2.00
SRC1619-221K	220 ± 10%	0.140	1.60
SRC1619-331K	330 ± 10%	0.270	1.30
SRC1619-471K	470 ± 10%	0.460	1.10
SRC1619-681K	680 ± 10%	0.560	0.90
SRC1619-102K	1000 ± 10%	0.690	0.75

Notes:

- 1) Open Circuit Inductance Test Parameters: 1.0kHz, 0.25Vrms, 0.0Aac, Test Equipment : HP4284A or WK3260B LCR Meter.
- 2) DCR limits @ 20°C. Test Equipment: CH502BC.



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HIGH CURRENT FILTER CHOKES / HC TYPE

FEATURES

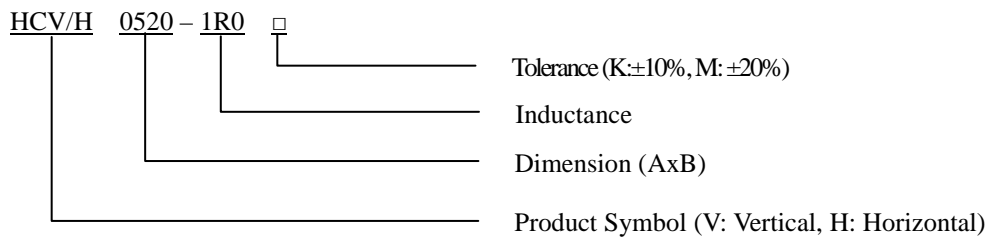
- ◆ Coated with varnish
- ◆ Use ferrite cores
- ◆ Low cost design
- ◆ General purpose inductors
- ◆ High saturation current



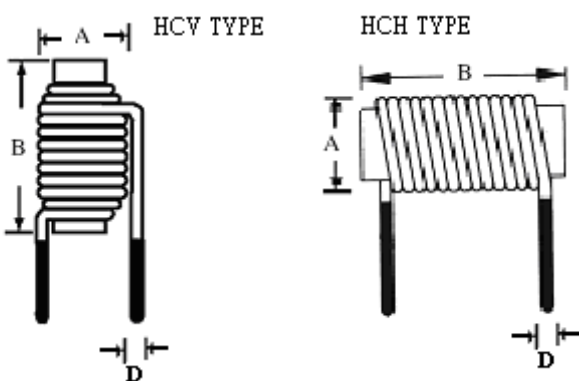
APPLICATIONS

- ◆ Output chokes
- ◆ SCR and Triac circuits
- ◆ Power supplies and amplifier
- ◆ Noise filters for switching regulators
- ◆ Other filters

ORDERING CODE



SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A (Max)	B (Max)	D
HC 0415	5.5	16.0	0.40±0.05
HC 0520	7.0	21.0	0.65±0.05
HC 0630	9.5	31.0	1.20±0.05

*DESIGN AS CUSTOMER'S REQUESTED SPECIFICATIONS



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LINE FILTERS / LFU TYPE

FEATURES

- ◆ High impedance and excellent frequency characteristic.
- Low magnetic flux leakage. agrees with its impedance characteristics.

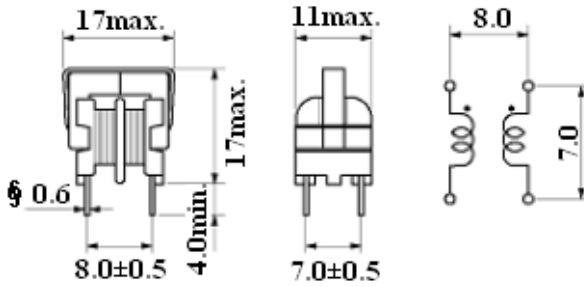


APPLICATIONS

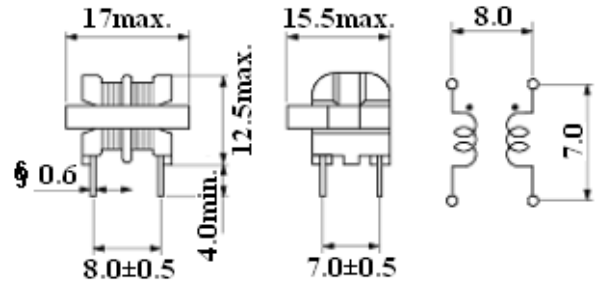
- ◆ Power switching, TV game, Monitor, Car recharger, etc. Design as Customers Requested Specifications.

SHAPES AND DIMENSIONS (UNIT: mm)

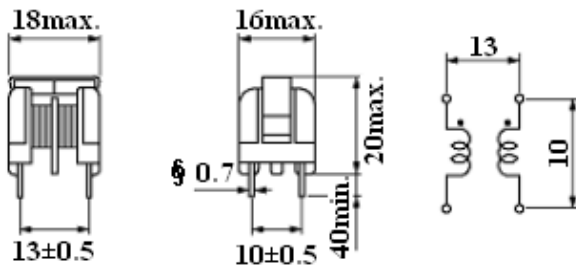
LFU09V SHAPE



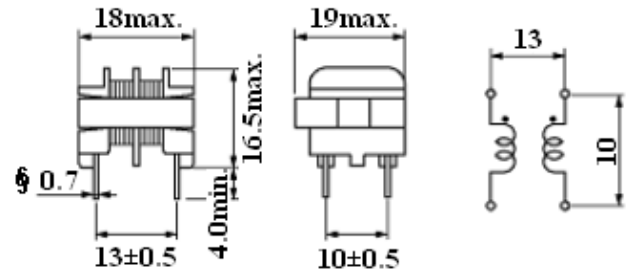
LFU09H SHAPE



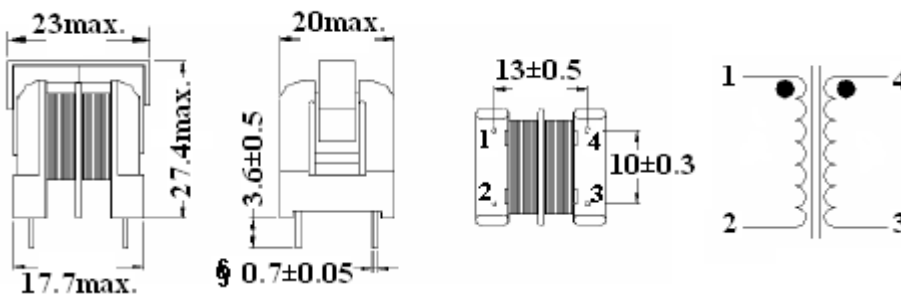
LFU10V SHAPE



LFU10H SHAPE



LFU16V SHAPE



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LINE FILTERS / LFU TYPE

SPECIFICATIONS FOR LFU09

Part No.	Rated Voltage (AC/DC)	DC Resistance (Ω) Max	Rated Current (A)	Inductance (mH) Min	Temperature Rise Max ($^{\circ}$ C)
LFU09-501	250V	0.3	1.0	0.5	40
LFU09-102	250V	0.6	0.7	1.0	40
LFU09-202	250V	1.0	0.5	2.0	40
LFU09-502	250V	3.0	0.3	5.0	40
LFU09-802	250V	6.0	0.2	8.0	40
LFU09-103	250V	8.0	0.1	10.0	40

SPECIFICATIONS FOR LFU10

Part No.	Rated Voltage (AC/DC)	DC Resistance (Ω) Max	Rated Current (A)	Inductance (mH) Min	Temperature Rise (Max) ($^{\circ}$ C)
LFU10-601	250V	0.15	2.0	0.6	40
LFU10-102	250V	0.4	1.0	1.0	40
LFU10-202	250V	0.5	1.0	2.0	40
LFU10-302	250V	0.5	1.0	3.0	40
LFU10-402	250V	1.0	0.7	4.0	40
LFU10-502	250V	1.0	0.5	5.0	40
LFU10-103	250V	3.0	0.3	10.0	40

SPECIFICATIONS FOR LFU16

Part No.	Rated Voltage (AC/DC)	DC Resistance (Ω) Max	Rated Current (A)	Inductance (mH) Min	Temperature Rise (Max) ($^{\circ}$ C)	Temperature Range ($^{\circ}$ C)
LFU16-152	250V	0.15	1.5	1.5	40	-25 ~ 120
LFU16-252	250V	0.25	1.2	2.5	40	-25 ~ 120
LFU16-352	250V	0.30	1.2	3.5	40	-25 ~ 120
LFU16-402	250V	0.40	1.0	4.0	40	-25 ~ 120
LFU16-602	250V	0.50	1.0	6.0	40	-25 ~ 120
LFU16-802	250V	0.80	0.8	8.0	40	-25 ~ 120
LFU16-103	250V	1.20	0.6	10	40	-25 ~ 120
LFU16-203	250V	1.60	0.5	20	40	-25 ~ 120
LFU16-303	250V	2.80	0.4	30	40	-25 ~ 120

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PEAKING COILS / RC TYPE

FEATURES

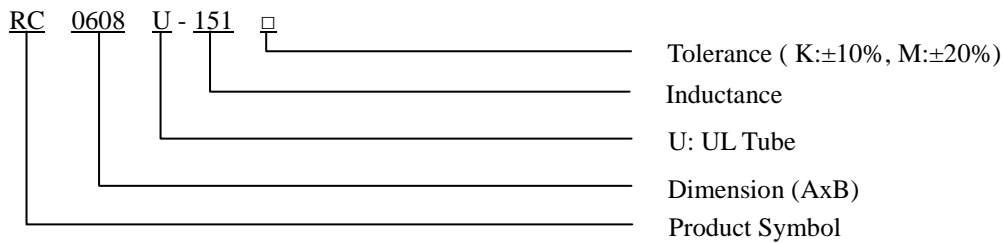
- ◆ High rated current for high current circuits. Designed by special lead wire to prevent open circuit failure.
- ◆ Low cost with rugged reliability and performance fixed inductor.



APPLICATIONS

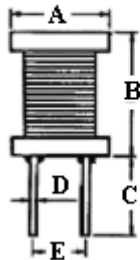
- ◆ Excellent as DC-DC converter boost or buck inductors. Also used for filtering applications.

ORDERING CODE

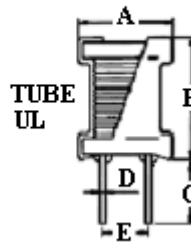


SHAPES

(WITHOUT TUBE)



(WITH UL TUBE)



DIMENSIONS UNIT: mm (WITH UL TUBE)

Part No.	A (Max)	B (Max)	C (Min)	D (Typ)	E (Ref.)
RC 0406	5.5	8.0	10	0.50	2.6
RC 0608	7.5	10.0	10	0.60	2.6
RC 0810	10.5	12.5	10	0.65	5.0
RC 0912	11.5	14.0	10	0.80	5.0
RC 1012	11.5	14.0	10	0.80	6.0
RC 1016	12.0	18.0	10	0.80	7.0

***DESIGN AS CUSTOMER'S REQUESTED SPECIFICATIONS**

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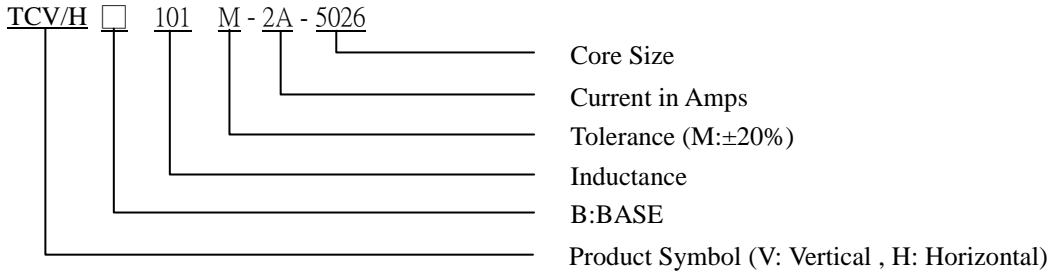
WOUND TOROIDS COILS / TC TYPE

APPLICATIONS

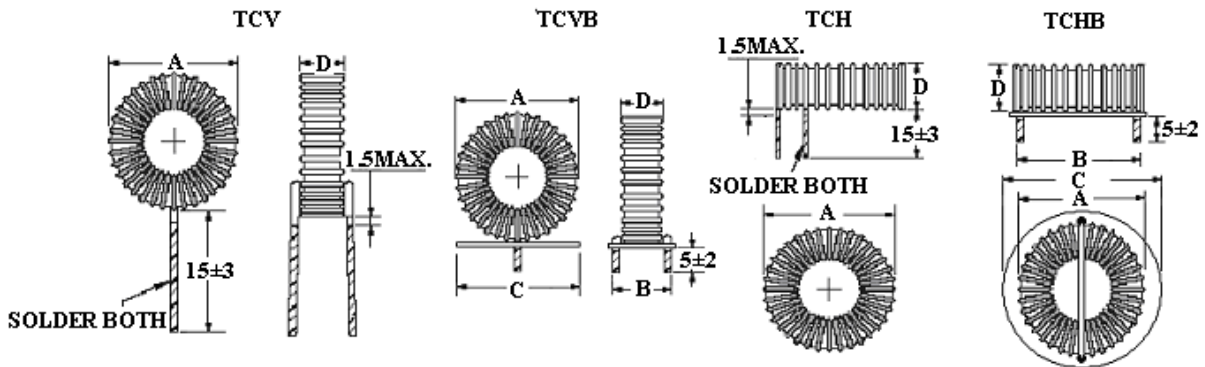
- ◆ Other filters
- ◆ Power supplies
- ◆ Out put chokes
- ◆ EMI/RFI chokes
- ◆ Switching Circuits
- ◆ SCR and Triac Controls



ORDERING CODE



SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A (Max)	B (Max)	C (Max)	D (Max)
TCV	7.5 ~ 42.5			5.5 ~ 21.5
TCVB	12.0 ~ 39.0	10 ~ 20	11 ~ 30	7.0 ~ 18.5
TCH	7.5 ~ 42.5			5.5 ~ 21.5
TCHB	12.0 ~ 39.0	9 ~ 36	13 ~ 42	7.0 ~ 18.5

*DESIGN AS CUSTOMER'S REQUESTED SPECIFICATIONS



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