

WIRE WOUND HIGH CURRENT CHIP MOLDED INDUCTORS / WCI (C) TYPE

FEATURES

- ◆ Low RDC, large current type
- ◆ Best for power supply line.
- ◆ Available in 2 sizes.

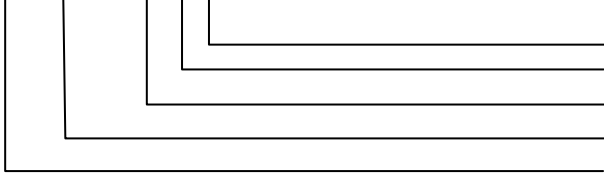


APPLICATIONS

- ◆ Portable Telephones
- ◆ Personal computers
- ◆ HDDs.
- ◆ Other electronics appliances.

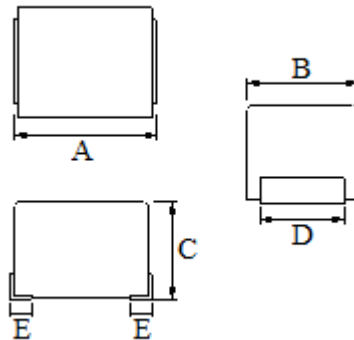
ORDERING CODE

WCI 4532C - 100 □-N



Note: lead-free
Tolerance (J:±5%, K:±10%)
Inductance
Dimension
Product Symbol

SHAPES



DIMENSIONS UNIT: mm

Part No.	A	B	C	D (REF)	E (REF)
WCI 3225C	3.2 ± 0.3	2.5 ± 0.2	2.2 ± 0.2	1.9	0.3
WCI 4532C	4.5 ± 0.3	3.2 ± 0.2	3.2 ± 0.2	1.2	1.0
WCI 5650C	5.6 ± 0.3	5.0 ± 0.2	4.0 ± 0.4	4.0	0.7

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ELECTRICAL CHARACTERISTICS FOR WCI 3225C

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WCI 3225C-R15 □-N	0.15	25.2	5	400	0.25	1350
WCI 3225C-R22 □-N	0.22	25.2	5	250	0.30	1150
WCI 3225C-R47 □-N	0.47	25.2	5	150	0.30	1000
WCI 3225C-1R0 □-N	1.0	7.96	10	100	0.30	850
WCI 3225C-1R5 □-N	1.5	7.96	10	80	0.30	700
WCI 3225C-2R2 □-N	2.2	7.96	10	68	0.30	600
WCI 3225C-3R3 □-N	3.3	7.96	10	54	0.35	500
WCI 3225C-4R7 □-N	4.7	7.96	15	46	0.45	430
WCI 3225C-6R8 □-N	6.8	7.96	15	38	0.50	360
WCI 3225C-100 □-N	10	2.52	15	30	0.80	300
WCI 3225C-150 □-N	15	2.52	15	26	1.60	250
WCI 3225C-220 □-N	22	2.52	15	21	2.20	210
WCI 3225C-330 □-N	33	2.52	15	17	2.80	170
WCI 3225C-470 □-N	47	2.52	15	14	3.20	150
WCI 3225C-560 □-N	56	2.52	15	13	5.00	120
WCI 3225C-680 □-N	68	2.52	15	12	5.00	120
WCI 3225C-820 □-N	82	2.52	15	10	6.50	110
WCI 3225C-101 □-N	100	0.796	15	10	7.50	100
WCI 3225C-151 □-N	150	0.796	20	7	11	85
WCI 3225C-221 □-N	220	0.796	20	6	14	70
WCI 3225C-331 □-N	330	0.796	20	5	21	60

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WIRE WOUND HIGH CURRENT CHIP MOLDED INDUCTORS / WCI (C) TYPE

ELECTRICAL CHARACTERISTICS FOR WCI 4532C

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WCI 4532C-1R0 □-N	1.0	7.96	10	180.0	0.11	1050
WCI 4532C-1R2 □-N	1.2	7.96	10	160.0	0.12	1000
WCI 4532C-1R5 □-N	1.5	7.96	10	130.0	0.15	950
WCI 4532C-1R8 □-N	1.8	7.96	10	100.0	0.16	900
WCI 4532C-2R2 □-N	2.2	7.96	10	80.0	0.18	850
WCI 4532C-2R7 □-N	2.7	7.96	10	60.0	0.20	800
WCI 4532C-3R3 □-N	3.3	7.96	10	45.0	0.22	750
WCI 4532C-3R9 □-N	3.9	7.96	10	40.0	0.24	700
WCI 4532C-4R7 □-N	4.7	7.96	10	35.0	0.27	650
WCI 4532C-5R6 □-N	5.6	7.96	10	30.0	0.30	650
WCI 4532C-6R8 □-N	6.8	7.96	10	28.0	0.35	600
WCI 4532C-8R2 □-N	8.2	7.96	10	25.0	0.40	600
WCI 4532C-100 □-N	10	2.52	10	22.0	0.50	550
WCI 4532C-120 □-N	12	2.52	10	21.0	0.60	500
WCI 4532C-150 □-N	15	2.52	10	20.0	0.70	450
WCI 4532C-180 □-N	18	2.52	10	19.0	0.80	400
WCI 4532C-220 □-N	22	2.52	10	18.0	0.90	370
WCI 4532C-270 □-N	27	2.52	10	16.0	1.20	330
WCI 4532C-330 □-N	33	2.52	10	14.0	1.40	300
WCI 4532C-390 □-N	39	2.52	10	12.0	1.60	280
WCI 4532C-470 □-N	47	2.52	10	11.5	1.90	260
WCI 4532C-560 □-N	56	2.52	10	11.0	2.20	240
WCI 4532C-680 □-N	68	2.52	10	10.0	2.60	220
WCI 4532C-820 □-N	82	2.52	10	9.0	3.50	200
WCI 4532C-101 □-N	100	0.796	20	8.0	4.00	180
WCI 4532C-121 □-N	120	0.796	20	7.5	4.50	160
WCI 4532C-151 □-N	150	0.796	20	7.0	6.50	140
WCI 4532C-181 □-N	180	0.796	20	6.5	7.50	120
WCI 4532C-221 □-N	220	0.796	20	5.5	9.00	120
WCI 4532C-271 □-N	270	0.796	20	5.0	11.0	100
WCI 4532C-331 □-N	330	0.796	20	4.0	13.0	90
WCI 4532C-391 □-N	390	0.796	20	3.0	14.0	85
WCI 4532C-471 □-N	470	0.796	20	3.0	16.0	75
WCI 4532C-561 □-N	560	0.796	20	3.0	21.0	70
WCI 4532C-681 □-N	680	0.796	20	2.5	24.2	65

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WIRE WOUND HIGH CURRENT CHIP MOLDED INDUCTORS / WCI (C) TYPE

ELECTRICAL CHARACTERISTICS FOR WCI 5650C

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WCI 5650C-1R0 □-N	1.0	7.96	10	95	0.030	1800
WCI 5650C-1R2 □-N	1.2	7.96	10	70	0.035	1700
WCI 5650C-1R5 □-N	1.5	7.96	10	55	0.040	1600
WCI 5650C-1R8 □-N	1.8	7.96	10	47	0.050	1400
WCI 5650C-2R2 □-N	2.2	7.96	10	42	0.060	1300
WCI 5650C-2R7 □-N	2.7	7.96	10	37	0.070	1200
WCI 5650C-3R3 □-N	3.3	7.96	10	34	0.080	1120
WCI 5650C-3R9 □-N	3.9	7.96	10	32	0.090	1050
WCI 5650C-4R7 □-N	4.7	7.96	10	29	0.110	950
WCI 5650C-5R6 □-N	5.6	7.96	10	26	0.130	880
WCI 5650C-6R8 □-N	6.8	7.96	10	24	0.150	810
WCI 5650C-8R2 □-N	8.2	7.96	10	22	0.180	750
WCI 5650C-100 □-N	10	2.52	10	19	0.210	690
WCI 5650C-120 □-N	12	2.52	10	17	0.250	630
WCI 5650C-150 □-N	15	2.52	10	16	0.300	580
WCI 5650C-180 □-N	18	2.52	10	14	0.360	530
WCI 5650C-220 □-N	22	2.52	10	13	0.430	480
WCI 5650C-270 □-N	27	2.52	10	11.5	0.520	440
WCI 5650C-330 □-N	33	2.52	10	10.5	0.620	400
WCI 5650C-390 □-N	39	2.52	10	9.5	0.720	370
WCI 5650C-470 □-N	47	2.52	10	8.5	0.850	340
WCI 5650C-560 □-N	56	2.52	10	7.8	1.000	310
WCI 5650C-680 □-N	68	2.52	10	7.0	1.200	290
WCI 5650C-820 □-N	82	2.52	10	6.4	1.400	270
WCI 5650C-101 □-N	100	0.796	20	6.0	1.600	250
WCI 5650C-121 □-N	120	0.796	20	5.4	1.900	230
WCI 5650C-151 □-N	150	0.796	20	4.8	2.200	210
WCI 5650C-181 □-N	180	0.796	20	4.4	2.800	190
WCI 5650C-221 □-N	220	0.796	20	3.9	3.400	170
WCI 5650C-271 □-N	270	0.796	20	3.6	4.200	155
WCI 5650C-331 □-N	330	0.796	20	3.2	4.900	140
WCI 5650C-391 □-N	390	0.796	20	2.9	5.800	130
WCI 5650C-471 □-N	470	0.796	20	2.6	7.000	120
WCI 5650C-561 □-N	560	0.796	20	2.4	8.500	110
WCI 5650C-681 □-N	680	0.796	20	2.2	10.000	100
WCI 5650C-821 □-N	820	0.796	20	2.0	13.000	90
WCI 5650C-102 □-N	1000	0.252	20	1.8	15.000	85
WCI 5650C-122 □-N	1200	0.252	20	1.5	17.000	75
WCI 5650C-152 □-N	1500	0.252	20	1.4	20.000	70
WCI 5650C-182 □-N	1800	0.252	20	1.3	30.000	60
WCI 5650C-222 □-N	2200	0.252	20	1.2	35.000	55
WCI 5650C-272 □-N	2700	0.252	20	1.1	55.000	45
WCI 5650C-332 □-N	3300	0.252	20	1.0	60.000	40
WCI 5650C-392 □-N	3900	0.252	20	1.0	70.000	38
WCI 5650C-472 □-N	4700	0.252	20	0.9	78.000	36
WCI 5650C-562 □-N	5600	0.252	20	0.8	85.000	33
WCI 5650C-682 □-N	6800	0.252	20	0.7	110.000	30
WCI 5650C-822 □-N	8200	0.252	20	0.6	125.000	28
WCI 5650C-103 □-N	10000	0.0796	15	0.5	150.000	25

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