

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.

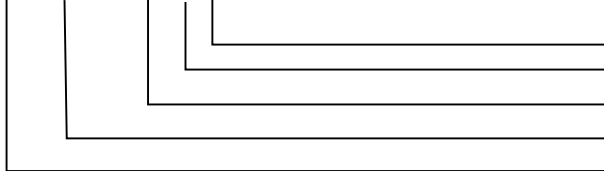


APPLICATIONS

- ◆ Wireless modules.
- ◆ High-frequency systems.
- ◆ Various categories of consumer electronics.

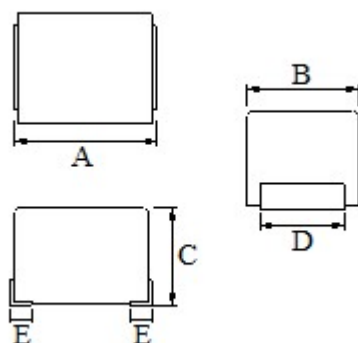
ORDERING CODE

WCI 5650C - 220 □-N



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

DIMENSIONS (UNIT: mm)



A	5.6 ± 0.3	m/m
B	5.0 ± 0.2	m/m
C	4.0 ± 0.4	m/m
D	4.0 (REF)	m/m
E	0.7 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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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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