

WIRE WOUND HIGH CURRENT FERRITE CHIP INDUCTORS / WCIL(C) TYPE

FEATURES

- ◆ Very strong solderability by reflow soldering and soldering iron.
- ◆ Highly accurate dimensions can be mounted automatically.
- ◆ Terminals are highly resistant to pull forces.
- ◆ Highly resistant to mechanical shocks and pressure.
- ◆ Highly reliable in environments of sudden temperature change and humidity.
- ◆ Superior IDC for DC/DC converter.

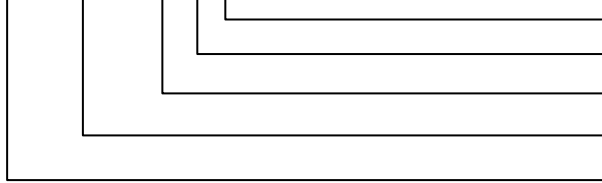


APPLICATIONS

- ◆ DC/DC converter such as DSC, LCD TV, game console, portable VCRs, conveyable telephone, and others.

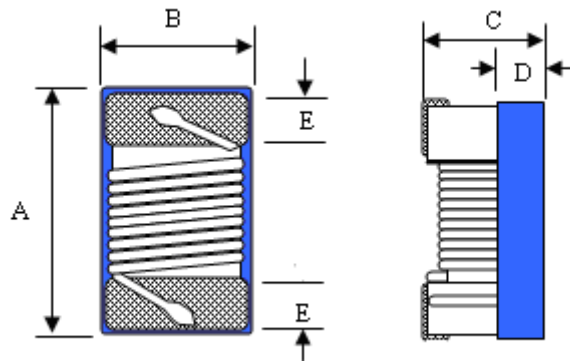
ORDERING CODE

WCIL 3225C - 100 □ - N



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

SHAPES



DIMENSIONS UNIT: mm

Part No.	A (MAX)	B (MAX)	C (MAX)	D (REF)	E (REF)
WCIL 2520C	2.90	2.54	2.00	1.3	0.5
WCIL 3225C	3.60	2.90	2.50	1.1	0.5



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS FOR WCIL 2520C

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WCIL 2520C-1R0 □-N	1.0	7.96	25	300	0.34	1500
WCIL 2520C-1R5 □-N	1.5	7.96	25	270	0.42	1400
WCIL 2520C-2R2 □-N	2.2	7.96	25	140	0.50	1200
WCIL 2520C-3R3 □-N	3.3	7.96	25	95	0.65	1000
WCIL 2520C-4R7 □-N	4.7	7.96	25	90	0.80	800
WCIL 2520C-6R8 □-N	6.8	7.96	25	68	1.00	730
WCIL 2520C-100 □-N	10	2.52	20	45	1.50	700
WCIL 2520C-150 □-N	15	2.52	20	40	2.20	500
WCIL 2520C-220 □-N	22	2.52	20	25	2.70	470
WCIL 2520C-330 □-N	33	2.52	20	25	4.00	400
WCIL 2520C-470 □-N	47	2.52	16	20	8.00	300

ELECTRICAL CHARACTERISTICS FOR WCIL 3225C

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WCIL 3225C-1R0 □-N	1.0	7.96	20	100	0.08	1500
WCIL 3225C-1R5 □-N	1.5	7.96	20	80	0.13	1125
WCIL 3225C-2R2 □-N	2.2	7.96	20	68	0.13	970
WCIL 3225C-3R3 □-N	3.3	7.96	20	54	0.16	837
WCIL 3225C-4R7 □-N	4.7	7.96	20	43	0.23	675
WCIL 3225C-6R8 □-N	6.8	7.96	20	33	0.27	600
WCIL 3225C-100 □-N	10	2.52	15	28	0.36	520
WCIL 3225C-150 □-N	15	2.52	15	19	0.56	480
WCIL 3225C-220 □-N	22	2.52	15	16	0.77	310
WCIL 3225C-330 □-N	33	2.52	15	12	1.10	270
WCIL 3225C-470 □-N	47	2.52	15	10	1.64	210
WCIL 3225C-680 □-N	68	2.52	15	9	2.80	189
WCIL 3225C-101 □-N	100	0.796	15	6	3.70	145
WCIL 3225C-151 □-N	150	0.796	15	5	6.10	120
WCIL 3225C-221 □-N	220	0.796	15	4	8.40	100
WCIL 3225C-331 □-N	330	0.796	15	3.5	12.3	80
WCIL 3225C-471 □-N	470	0.796	15	2.8	22.0	75
WCIL 3225C-681 □-N	680	0.796	15	2	28.0	65

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