

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.

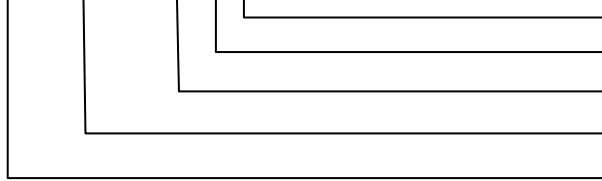


APPLICATIONS

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

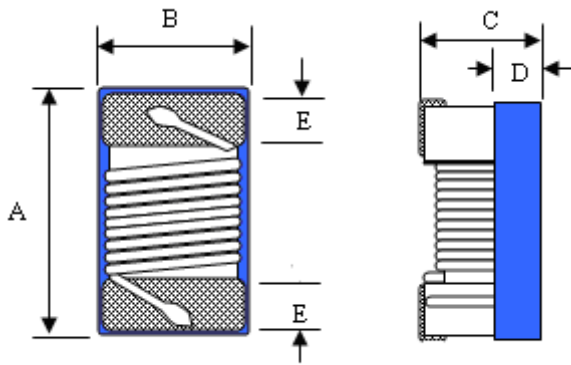
ORDERING CODE

WCIL 2520C - R22J □-N



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

DIMENSIONS (UNIT: mm)



A	2.90 (MAX)	m/m
B	2.54 (MAX)	m/m
C	2.00 (MAX)	m/m
D	1.3 (REF)	m/m
E	0.5 (REF)	m/m

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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