

WIRE WOUND CHIP MOLDED INDUCTORS / WCI TYPE

FEATURES

- ◆ Terminals are highly resistant to pull forces.
- ◆ Very strong solder ability by flow soldering, soldering iron or wave soldering.
- ◆ Highly reliable in environments of sudden temperature change and humidity.
- ◆ Highly accurate dimensions can be mounted automatically.
- ◆ Highly resistant to mechanical shocks and pressure.

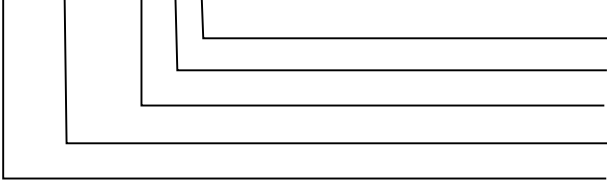


APPLICATIONS

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

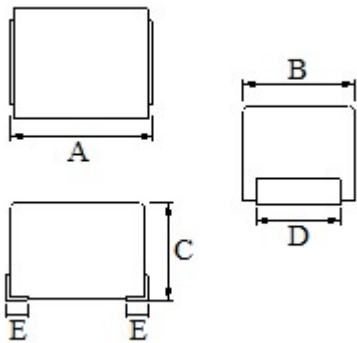
ORDERING CODE

WCI 4532 – 6R8 □-N



Note: lead-free
Tolerance (J:±5%, K:±10%, M:±20%)
Inductance
Dimension (AxB)
Product Symbol

DIMENSIONS (UNIT: mm)



A	4.5 ± 0.3	m/m
B	3.2 ± 0.2	m/m
C	3.2 ± 0.2	m/m
D	1.2 (REF)	m/m
E	1.0 (REF)	m/m



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ELECTRICAL CHARACTERISTICS FOR WCI 4532

Part No.	Inductance (uH)	Test Freq. (MHz)	Q Min	Self Resonant FREQ. (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
WCI 4532-R10 □-N	0.10	25.2	35	300	0.18	800
WCI 4532-R12 □-N	0.12	25.2	35	280	0.20	770
WCI 4532-R15 □-N	0.15	25.2	35	250	0.22	730
WCI 4532-R18 □-N	0.18	25.2	35	220	0.24	700
WCI 4532-R22 □-N	0.22	25.2	40	200	0.25	665
WCI 4532-R27 □-N	0.27	25.2	40	180	0.26	635
WCI 4532-R33 □-N	0.33	25.2	40	165	0.28	605
WCI 4532-R39 □-N	0.39	25.2	40	150	0.30	575
WCI 4532-R47 □-N	0.47	25.2	40	145	0.32	545
WCI 4532-R56 □-N	0.56	25.2	40	140	0.36	520
WCI 4532-R68 □-N	0.68	25.2	40	135	0.40	500
WCI 4532-R82 □-N	0.82	25.2	40	130	0.45	475
WCI 4532-1R0 □-N	1.00	7.96	50	100	0.50	450
WCI 4532-1R2 □-N	1.20	7.96	50	80	0.55	430
WCI 4532-1R5 □-N	1.50	7.96	50	70	0.60	410
WCI 4532-1R8 □-N	1.80	7.96	50	60	0.65	390
WCI 4532-2R2 □-N	2.20	7.96	50	55	0.70	380
WCI 4532-2R7 □-N	2.70	7.96	50	50	0.75	370
WCI 4532-3R3 □-N	3.30	7.96	50	45	0.80	355
WCI 4532-3R9 □-N	3.90	7.96	50	40	0.90	330
WCI 4532-4R7 □-N	4.70	7.96	50	35	1.00	315
WCI 4532-5R6 □-N	5.60	7.96	50	33	1.10	300
WCI 4532-6R8 □-N	6.80	7.96	50	27	1.20	285
WCI 4532-8R2 □-N	8.20	7.96	50	25	1.40	270
WCI 4532-100 □-N	10	2.52	50	20	1.60	250
WCI 4532-120 □-N	12	2.52	50	18	2.00	225
WCI 4532-150 □-N	15	2.52	50	17	2.50	200
WCI 4532-180 □-N	18	2.52	50	15	2.80	190
WCI 4532-220 □-N	22	2.52	50	13	3.20	180
WCI 4532-270 □-N	27	2.52	50	12	3.60	170
WCI 4532-330 □-N	33	2.52	50	11	4.00	160
WCI 4532-390 □-N	39	2.52	50	10	4.50	150
WCI 4532-470 □-N	47	2.52	50	10	5.00	140
WCI 4532-560 □-N	56	2.52	50	9	5.50	135
WCI 4532-680 □-N	68	2.52	50	9	6.00	130
WCI 4532-820 □-N	82	2.52	50	8	7.00	120
WCI 4532-101 □-N	100	0.796	40	8	8.00	110
WCI 4532-121 □-N	120	0.796	40	6	8.00	110
WCI 4532-151 □-N	150	0.796	40	5	9.00	105
WCI 4532-181 □-N	180	0.796	40	5	9.50	102
WCI 4532-221 □-N	220	0.796	40	4	10	100
WCI 4532-271 □-N	270	0.796	40	4	12	92
WCI 4532-331 □-N	330	0.796	40	3.5	14	85
WCI 4532-391 □-N	390	0.796	40	3	18	80
WCI 4532-471 □-N	470	0.796	30	3	26	62
WCI 4532-561 □-N	560	0.796	30	3	30	50
WCI 4532-681 □-N	680	0.796	30	3	30	50
WCI 4532-821 □-N	820	0.796	30	2.5	35	30
WCI 4532-102 □-N	1000	2.252	20	2.5	40	30



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