

Wire Wound Chip CWS1812 Series



PART NUMBERING GUIDE

CWS1812 - 470 J TR

INDUCTANCE CODE _____

TOLERANCE _____

M=20%
K=10%
J=5%

PACKAGING OPTIONS

Blank=Bulk,
TR=Tape and Reel

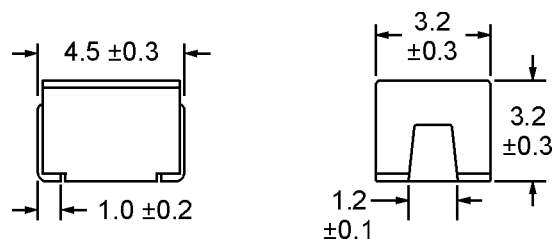
GENERAL SPECIFICATIONS

Inductance Range	0.10μH to 1000μH
Tolerance	20%, 10%, or 5%
Operating Temperature	-25°C to +85°C
Construction	Molded Epoxy

SPECIFICATIONS BY INDUCTANCE VALUE

L Code	L (μH)	L Test Freq. (MHz)	Tolerance (±%)	Q Min	SRF Min (MHz)	DCR Max (Ω)	IDC Max (mA)	L Code	L (μH)	L Test Freq. (MHz)	Tolerance (±%)	Q Min	SRF Min (MHz)	DCR Max (Ω)	IDC Max (mA)
R10	0.10	25.2	20	35	300	0.18	800	120	12	2.52	5,10,20	50	18	2.00	225
R12	0.12	25.2	20	35	280	0.20	770	150	15	2.52	5,10,20	50	17	2.50	200
R15	0.15	25.2	20	35	250	0.22	730	180	18	2.52	5,10,20	50	15	2.80	190
R18	0.18	25.2	20	35	220	0.24	700	220	22	2.52	5,10,20	50	13	3.20	180
R22	0.22	25.2	20	40	200	0.25	665	270	27	2.52	5,10,20	50	12	3.60	170
R27	0.27	25.2	20	40	180	0.26	635	330	33	2.52	5,10,20	50	11	4.00	160
R33	0.33	25.2	20	40	165	0.28	605	390	39	2.52	5,10,20	50	10	4.50	150
R39	0.39	25.2	20	40	160	0.30	575	470	47	2.52	5,10,20	50	10	5.00	140
R47	0.47	25.2	20	40	145	0.32	545	560	56	2.52	5,10,20	50	9	5.50	135
R56	0.56	25.2	20	40	140	0.36	520	680	68	2.52	5,10,20	50	9	6.00	130
R68	0.68	25.2	20	40	135	0.40	500	820	82	2.52	5,10,20	50	8	7.00	120
R82	0.82	25.2	20	40	130	0.45	475	101	100	0.796	5,10,20	40	8	8.00	110
1R0	1.0	7.96	10,20	50	100	0.50	450	121	120	0.796	5,10,20	40	6	8.00	110
1R2	1.2	7.96	10,20	50	80	0.55	430	151	150	0.796	5,10,20	40	5	9.00	105
1R5	1.5	7.96	10,20	50	70	0.60	410	181	180	0.796	5,10,20	40	5	9.50	102
1R8	1.8	7.96	10,20	50	60	0.65	390	221	220	0.796	5,10,20	40	4	10.00	100
2R2	2.2	7.96	10,20	50	55	0.70	380	271	270	0.796	5,10,20	40	4	12.00	92
2R7	2.7	7.96	10,20	50	50	0.75	370	331	330	0.796	5,10,20	40	3.5	14.00	85
3R3	3.3	7.96	10,20	50	45	0.80	355	391	390	0.796	5,10,20	40	3	16.00	80
3R9	3.9	7.96	10,20	50	40	0.90	330	471	470	0.796	5,10,20	40	3	26.00	62
4R7	4.7	7.96	10,20	50	35	1.00	315	561	560	0.796	10,20	30	3	30.00	50
5R6	5.6	7.96	10,20	50	33	1.10	300	681	680	0.796	10,20	30	3	30.00	50
6R8	6.8	7.96	10,20	50	27	1.20	285	821	820	0.796	10,20	30	2.5	35.00	30
8R2	8.2	7.96	10,20	50	25	1.40	270	102	1000	0.252	10,20	30	2.5	40.00	30
100	10	2.52	5,10,20	50	20	1.60	250								

MECHANICAL DIMENSIONS



Dimension in mm

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Specifications subject to change without notice. • Contact factory for latest revision • 7/03 • (NM01)