

Wire Wound Chip CWI1812 Series



PART NUMBERING GUIDE

CWI1812 - M 1R2 TR

TOLERANCE _____
 J=5%, K=10%, M=20%

INDUCTANCE CODE _____

PACKAGING OPTIONS
 Blank=Bulk,
 TR= Tape and Reel
 (500pcs per reel)

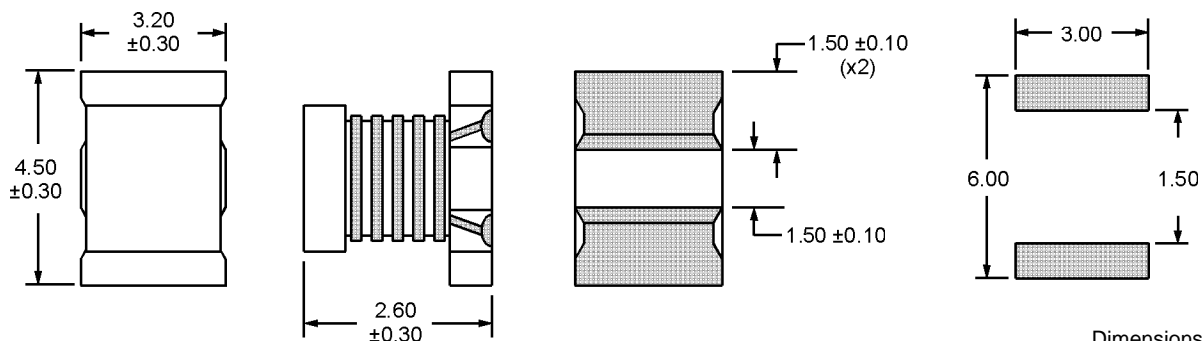
GENERAL SPECIFICATIONS

Inductance Range	1.0μH to 2200μH
Tolerance	5%, 10% or 20%
Operating Temperature	-25°C to +85°C
Construction	Ferrite

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	Inductance (μH)	L Test Frequency (Hz)	Available Tolerance	Q Min	Q Test Frequency (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
1R0	1.0	1M	M	20	1	120	0.20	500
1R2	1.2	1M	M	20	1	100	0.20	500
1R5	1.5	1M	M	20	1	85	0.30	500
1R8	1.8	1M	M	20	1	75	0.30	500
2R2	2.2	1M	M	20	1	62	0.30	500
2R7	2.7	1M	M	20	1	53	0.32	500
3R3	3.3	1M	M	20	1	47	0.35	500
3R9	3.9	1M	M	20	1	41	0.38	500
4R7	4.7	1M	K	30	1	38	0.40	500
5R6	5.6	1M	K	30	1	33	0.47	500
6R8	6.8	1M	K	30	1	31	0.50	450
8R2	8.2	1M	K	30	1	27	0.56	450
100	10	1M	J, K	35	1	23	0.56	400
120	12	1M	J, K	35	1	21	0.62	380
150	15	1M	J, K	35	1	19	0.73	360
180	18	1M	J, K	35	1	17	0.82	340
220	22	1M	J, K	35	1	15	0.94	320
270	27	1M	J, K	35	1	14	1.10	300
330	33	1M	J, K	35	1	12	1.20	270
390	39	1M	J, K	35	1	11	1.40	240
470	47	1M	J, K	35	1	10	1.50	220
560	56	1M	J, K	35	1	9.3	1.70	200
680	68	1M	J, K	35	1	8.4	1.90	180
820	82	1M	J, K	35	1	7.5	2.20	170
101	100	1M	J, K	40	0.796	6.8	2.50	160
121	120	1M	J, K	40	0.796	6.2	3.00	150
151	150	1M	J, K	40	0.796	5.5	3.70	130
181	180	1M	J, K	40	0.796	5.0	4.50	120
221	220	1M	J, K	40	0.796	4.5	5.40	110
271	270	1M	J, K	40	0.796	4.0	6.80	100
331	330	1M	J, K	40	0.796	3.6	8.20	95
391	390	1M	J, K	40	0.796	3.3	9.70	90
471	470	1K	J, K	40	0.796	3.0	11.80	80
561	560	1K	J, K	40	0.796	2.7	14.50	70
681	680	1K	J, K	40	0.796	2.5	17.00	65
821	820	1K	J, K	40	0.796	2.2	20.50	60
102	1000	1K	J, K	40	0.252	2.0	25.00	50
122	1200	1K	J, K	40	0.252	1.8	30.00	45
152	1500	1K	J, K	40	0.252	1.6	37.00	40
182	1800	1K	J, K	40	0.252	1.5	45.00	35
222	2200	1K	J, K	40	0.252	1.3	50.00	30

MECHANICAL DIMENSIONS



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Specifications subject to change without notice. • Contact factory for latest revision • 6/02 • (NM55)