

Wire Wound Chip CWI1210 Series



PART NUMBERING GUIDE

CWI1210 - M 120 TR

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

INDUCTANCE CODE

PACKAGING OPTIONS
Blank=Bulk,
TR= Tape and Reel
(2000pcs per reel)

GENERAL SPECIFICATIONS

Inductance Range	0.10µH to 560µH
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	Available Tolerance	Q Min	Q Test Frequency (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
R10	0.10	1MHz	M	20	1	200	0.25	700
R18	0.18	1MHz	M	20	1	200	0.25	650
R27	0.27	1MHz	M	25	1	200	0.25	600
R39	0.39	1MHz	M	25	1	200	0.25	530
R56	0.56	1MHz	M	30	1	160	0.25	530
R68	0.68	1MHz	M	30	1	160	0.25	470
R82	0.82	1MHz	M	30	1	120	0.25	450
1R0	1.0	1MHz	M	20	1	100	0.50	445
1R2	1.2	1MHz	M	20	1	100	0.60	425
1R5	1.5	1MHz	K	20	1	75	0.60	400
1R8	1.8	1MHz	K	20	1	60	0.70	390
2R2	2.2	1MHz	K	20	1	50	0.80	370
2R7	2.7	1MHz	K	20	1	43	0.90	300
3R3	3.3	1MHz	K	20	1	38	1.00	290
3R9	3.9	1MHz	K	20	1	35	1.10	270
4R7	4.7	1MHz	K	20	1	31	1.20	250
5R6	5.6	1MHz	K	20	1	28	1.30	240
6R8	6.8	1MHz	K	20	1	25	1.50	225
8R2	8.2	1MHz	K	20	1	23	1.60	190
100	10	1MHz	J, K	35	1	20	1.80	180
120	12	1MHz	J, K	35	1	18	2.00	170
150	15	1MHz	J, K	35	1	16	2.20	165
180	18	1MHz	J, K	35	1	15	2.50	150
220	22	1MHz	J, K	35	1	14	2.80	125
270	27	1MHz	J, K	35	1	13	3.10	115
330	33	1MHz	J, K	40	1	12	3.50	110
390	39	1MHz	J, K	40	1	11	3.90	100
470	47	1MHz	J, K	40	1	11	4.30	85
560	56	1MHz	J, K	40	1	10	4.90	80
680	68	1MHz	J, K	40	1	9.0	5.50	70
820	82	1MHz	J, K	40	1	8.5	6.20	80
101	100	1MHz	J, K	40	0.796	8.0	7.00	75
121	120	1MHz	J, K	40	0.796	7.5	8.00	70
151	150	1MHz	J, K	40	0.796	7.0	9.30	65
181	180	1MHz	J, K	40	0.796	6.0	10.20	65
221	220	1MHz	J, K	40	0.796	5.5	11.80	65
271	270	1MHz	J, K	40	0.796	5.0	12.50	65
331	330	1MHz	J, K	40	0.796	5.0	13.00	65
391	390	1MHz	J, K	40	0.796	5.0	22.00	50
471	470	1KHz	J, K	50	0.796	5.0	25.00	45
561	560	1KHz	J, K	50	0.796	5.0	28.00	40

MECHANICAL DIMENSIONS

