

Wire Wound Chip CWN1812 Series



PART NUMBERING GUIDE

CWN1812 - M 120 TR

TOLERANCE

J=5%
K=10%

INDUCTANCE CODE

PACKAGING OPTIONS

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

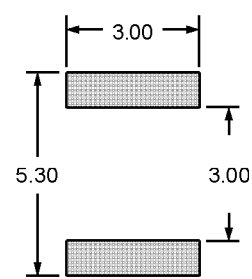
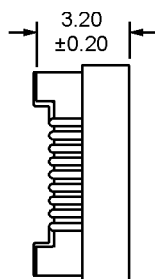
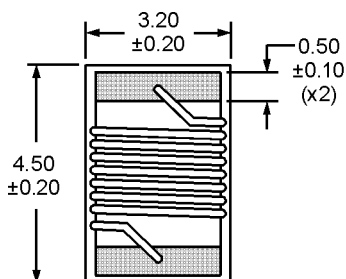
GENERAL SPECIFICATIONS

Inductance Range	120 μ H to 1000 μ H
Tolerance	5% or 10%
Operating Temperature	-40°C to +125°C
Construction	Ferrite

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	Inductance (μ H)	L Test Frequency (MHz)	Available Tolerance	Q Min	Q Test Frequency (MHz)	SRF Min (MHz)	DCR Max (Ohms)	IDC Max (mA)
120	12	2.52	K, J	40	2.52	55	2.00	310
150	15	2.52	K, J	40	2.52	45	2.50	290
180	18	2.52	K, J	45	2.52	36	2.80	270
220	22	2.52	K, J	45	2.52	32	3.20	260
270	27	2.52	K, J	45	2.52	27	3.60	240
330	33	2.52	K, J	45	2.52	23	4.00	230
390	39	2.52	K, J	45	2.52	18	4.50	210
470	47	2.52	K, J	40	2.52	16	5.00	200
560	56	2.52	K, J	40	2.52	13	5.50	190
680	68	2.52	K, J	40	2.52	10	6.00	180
820	82	2.52	K, J	40	2.52	9	7.00	170
101	100	0.796	K, J	40	0.796	8.5	8.00	150
121	120	0.796	K, J	35	0.796	8.5	11.50	135
151	150	0.796	K, J	35	0.796	8.5	13.00	125
181	180	0.796	K, J	35	0.796	8	14.20	120
221	220	0.796	K, J	35	0.796	6	16.20	115
271	270	0.796	K, J	35	0.796	5	20.50	105
331	330	0.796	K, J	35	0.796	4.5	22.50	100
391	390	0.796	K, J	35	0.796	3.5	24.50	90
471	470	0.796	K, J	35	0.796	3	26.50	85
561	560	0.796	K, J	30	0.796	2	28.50	75
681	680	0.796	K, J	30	0.796	1.8	38.00	60
821	820	0.796	K, J	30	0.796	1.6	41.00	55
102	1000	0.796	K, J	30	0.796	1.5	44.00	50

MECHANICAL DIMENSIONS



Dimensions in mm

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Specifications subject to change without notice. • Contact factory for latest revision • 06/02 • (NM52)