

# Wire Wound Chip CWS1008 Series



## PART NUMBERING GUIDE

CWS1008 - R22 J TR

INDUCTANCE CODE \_\_\_\_\_

TOLERANCE \_\_\_\_\_  
 M=20%, K=10%  
 J=5%, G=2%

PACKAGING OPTIONS

Blank=Bulk,  
 TR=Tape and Reel

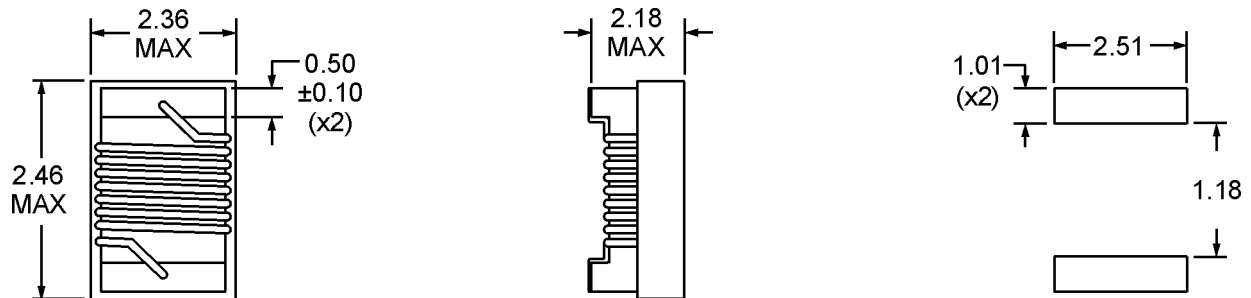
## GENERAL SPECIFICATIONS

Inductance Range	10nH to 1000nH
Tolerance	20%, 10%, 5%, or 2%
Operating Temperature	-25°C to +85°C
Construction	Ceramic Core
Dielectric Strength	500 Volts RMS

## SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	Inductance (nH)	Inductance @ (MHz)	Q Min	Q @ (MHz)	SRF Min (MHz)	DCR Max (Ω)	IDC Max (mA)
10N	10	50	62	500	4714	0.02	1000
12N	12	50	74	500	4194	0.02	1000
15N	15	50	62	500	2921	0.04	1000
18N	18	50	84	350	3204	0.03	1000
22N	22	50	50	350	3352	0.03	1000
27N	27	50	50	350	2647	0.04	1000
33N	33	50	50	350	2106	0.06	1000
39N	39	50	50	350	1964	0.07	1000
47N	47	50	58	350	1594	0.15	1000
56N	56	50	77	350	1588	0.09	1000
68N	68	50	62	350	1182	0.09	1000
82N	82	50	50	350	1400	0.11	1000
R10	100	25	67	350	1128	0.28	650
R12	120	25	60	350	1185	0.48	650
R15	150	25	45	100	863	0.33	580
R18	180	25	45	100	954	0.42	620
R22	220	25	49	100	823	0.21	500
R27	270	25	45	100	609	0.75	500
R33	330	25	53	100	619	0.55	400
R39	390	25	50	100	574	0.60	400
R47	470	25	53	100	510	1.01	400
R56	560	25	52	100	457	1.08	380
R62	620	25	54	100	451	1.14	380
R68	680	25	45	100	436	1.21	380
R75	750	25	51	100	394	1.27	380
R82	820	25	45	100	416	1.41	380
R91	910	25	35	50	355	1.47	380
1R0	1000	25	45	50	353	1.54	380

## MECHANICAL DIMENSIONS



Dimensions in mm

3545B Cadillac Avenue, Costa Mesa, CA., 92626-1401 • Phone: (714) 708-8715 • Fax: (714) 708-8719

Email: ct-sales@coiltechinc.com • Internet: <http://www.coiltechinc.com>

Specifications subject to change without notice. • Contact factory for latest revision • 7/03 • (NM04)