

Wire Wound CWN0402 Series



PART NUMBERING GUIDE

CWN0402 - J 8N2 TR

TOLERANCE

B=±0.15nH, S=±0.3nH,
K=±10%, J=±5%,
G=±2%

INDUCTANCE CODE

PACKAGING OPTIONS

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

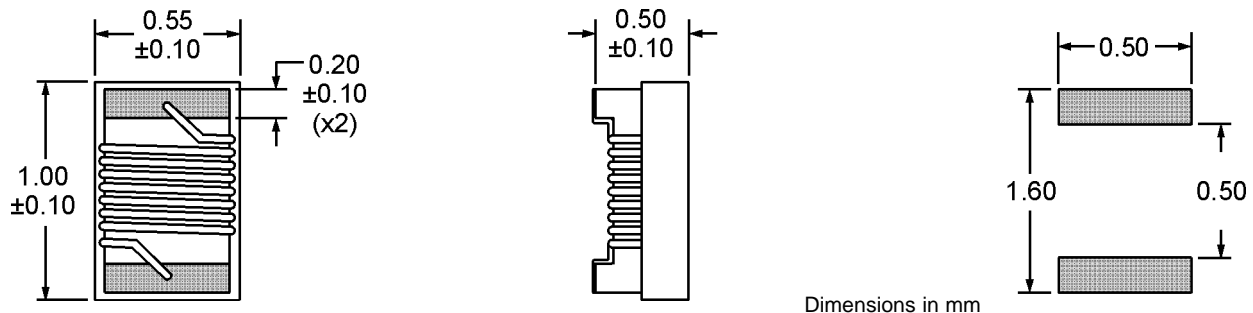
GENERAL SPECIFICATIONS

Inductance Range	1.0nH to 47nH
Tolerance	±0.15nH, ±0.3nH, ±10%, ±5%, or ±2%
Operating Temperature	-40°C to +125°C
Construction	Ceramic

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	L (nH)	L Test Freq. (MHz)	Available Tolerance	Q MIN	Q Typ at 900MHz	SRF MIN (MHz)	DCR MAX (Ohms)	IDC MAX (mA)
1N0	1.0	250	B, S	13	26	6000	0.045	1360
2N0	2.0	250	B, S	16	30	6000	0.070	1040
2N2	2.2	250	B, S	18	32	6000	0.070	960
3N3	3.3	250	B, S	20	41	6000	0.066	840
3N6	3.6	250	B, S	20	43	6000	0.066	840
3N9	3.9	250	B, S	20	41	5800	0.066	840
5N1	5.1	250	K, J, G	23	49	5800	0.083	800
5N6	5.6	250	K, J, G	23	46	5800	0.083	760
6N2	6.2	250	K, J, G	23	49	5800	0.083	760
7N5	7.5	250	K, J, G	25	50	5800	0.104	680
8N2	8.2	250	K, J, G	25	49	4400	0.104	680
9N0	9.0	250	K, J, G	25	49	4160	0.104	680
10N	10	250	K, J, G	23	47	3900	0.195	480
11N	11	250	K, J, G	26	56	3680	0.120	640
12N	12	250	K, J, G	26	51	3600	0.120	640
15N	15	250	K, J, G	26	54	3280	0.172	560
19N	19	250	K, J, G	26	50	3040	0.202	480
23N	23	250	K, J, G	26	53	2720	0.214	400
27N	27	250	K, J, G	26	48	2480	0.298	400
36N	36	250	K, J, G	26	48	2320	0.403	320
40N	40	250	K, J, G	26	48	2240	0.438	320
47N	47	200	K, J, G	26	46	2100	0.830	150

MECHANICAL DIMENSIONS



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Specifications subject to change without notice. • Contact factory for latest revision • 9/02 • (NM85)