

Wire Wound CWN0603 Series



PART NUMBERING GUIDE

CWN0603 - J 6N8 TR

TOLERANCE

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

INDUCTANCE CODE

PACKAGING OPTIONS

Blank=Bulk,
TR= Tape and Reel
(3000pcs per reel)

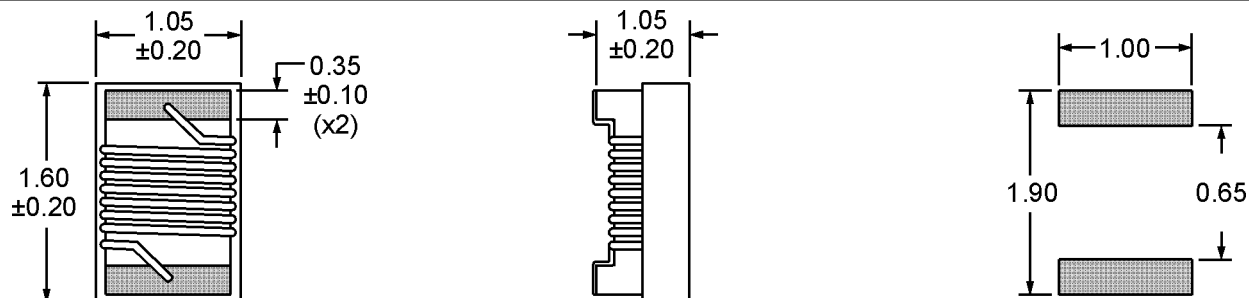
GENERAL SPECIFICATIONS

Inductance Range	2.0nH to 270nH
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)
2N0	2.0	250	B, S	16	31	6900	0.08	700
3N9	3.9	250	B, S	22	51	6900	0.08	700
4N7	4.7	250	B, S	20	47	5800	0.11	700
6N8	6.8	250	K, J, G	30	63	5800	0.11	700
8N2	8.2	250	K, J, G	30	72	4600	0.10	700
10N	10	250	K, J, G	30	66	4800	0.13	700
12N	12	250	K, J, G	35	72	4000	0.13	700
15N	15	250	K, J, G	35	68	4000	0.17	700
18N	18	250	K, J, G	38	77	3100	0.17	700
22N	22	250	K, J, G	38	70	3000	0.22	700
27N	27	250	K, J, G	40	75	2800	0.22	600
33N	33	250	K, J, G	43	78	2300	0.22	600
39N	39	250	K, J, G	43	66	2200	0.25	600
47N	47	200	K, J, G	40	65	2000	0.28	600
56N	56	200	K, J, G	40	66	1900	0.31	600
68N	68	200	K, J, G	40	57	1700	0.34	600
72N	72	150	K, J, G	35	60	1700	0.49	400
82N	82	150	K, J, G	35	58	1700	0.54	400
R10	100	150	K, J, G	35	51	1400	0.63	400
R12	120	150	K, J, G	35	45	1300	0.65	300
R15	150	150	K, J, G	35	33	1000	0.92	280
R18	180	100	K, J, G	30	26	1000	1.25	240
R22	220	100	K, J, G	30	23	1000	1.70	200
R27	270	100	K, J, G	30	10	1000	1.80	170

MECHANICAL DIMENSIONS



Dimensions in mm

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Specifications subject to change without notice. • Contact factory for latest revision • 9/02 • (NM83)