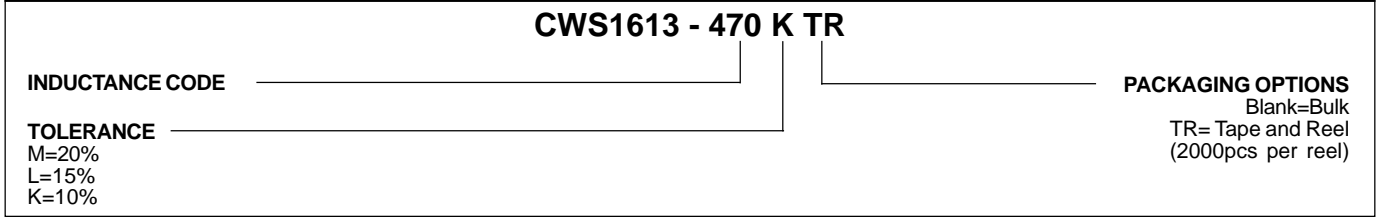


Power Inductor *CWS1613* Series



PART NUMBERING GUIDE



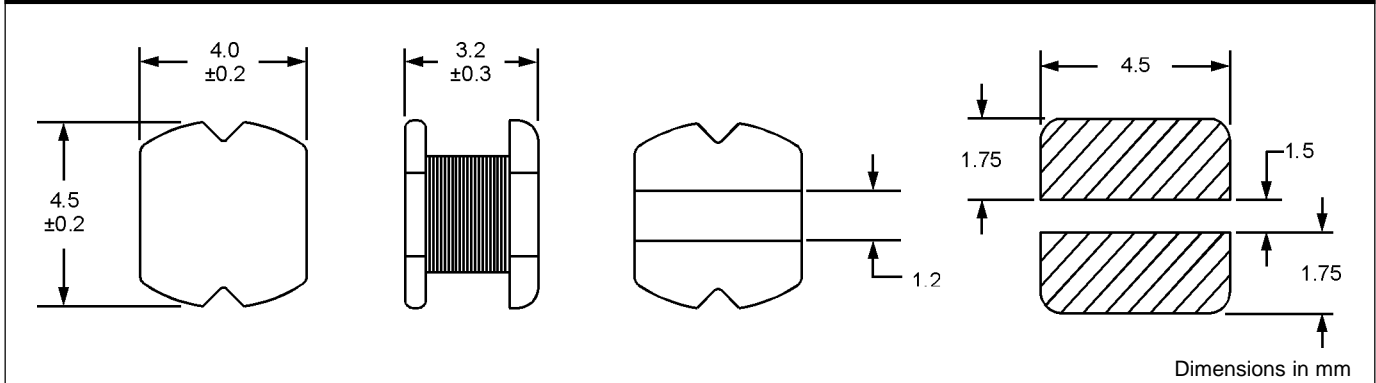
GENERAL SPECIFICATIONS

Inductance Range	1.0 μ H to 68 μ H
Tolerance	20%, 15%, or 10%
Operating Temperature	-30°C to +100°C
Construction	Ferrite Core

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	Inductance (μ H)	Available Tolerance	Test Freq (MHz)	DCR Max (Ohms)	IDC Max (Amps)
1R0	1.0	20%	7.96	0.033	3.80
1R4	1.4	20%	7.96	0.038	3.30
1R8	1.8	20%	7.96	0.042	2.91
2R2	2.2	20%	7.96	0.047	2.60
2R7	2.7	20%	7.96	0.052	2.43
3R3	3.3	20%	7.96	0.058	3.15
3R9	3.9	20%	7.96	0.076	1.98
4R7	4.7	20%	7.96	0.094	1.70
5R6	5.6	20%	7.96	0.101	1.60
6R8	6.8	20%	7.96	0.117	1.41
8R2	8.2	20%	7.96	0.132	1.26
100	10	20%	2.52	0.182	1.15
120	12	20%	2.52	0.210	1.05
150	15	20%	2.52	0.235	0.92
180	18	20%	2.52	0.338	0.84
220	22	20%	2.52	0.378	0.76
270	27	20%	2.52	0.522	0.71
330	33	20%, 15%, 10%	2.52	0.540	0.64
390	39	20%, 15%, 10%	2.52	0.587	0.59
470	47	20%, 15%, 10%	2.52	0.844	0.54
560	56	20%, 15%, 10%	2.52	0.937	0.50
680	68	20%, 15%, 10%	2.52	1.117	0.46

MECHANICAL DIMENSIONS



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A24

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Specifications subject to change without notice. • Contact factory for latest revision • 7/02 • (NM08)