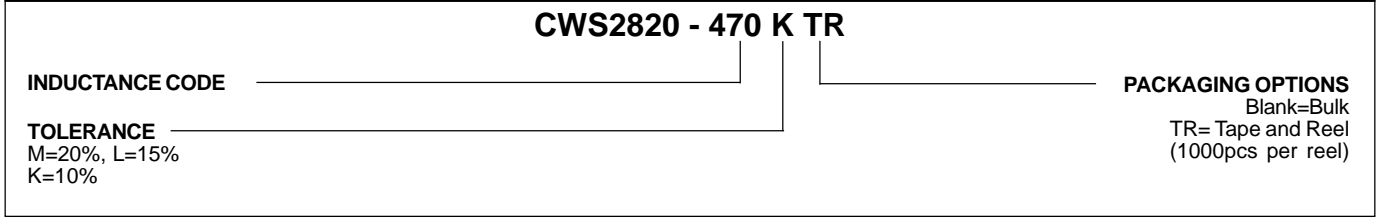


Power Inductor CWS2820 Series



PART NUMBERING GUIDE



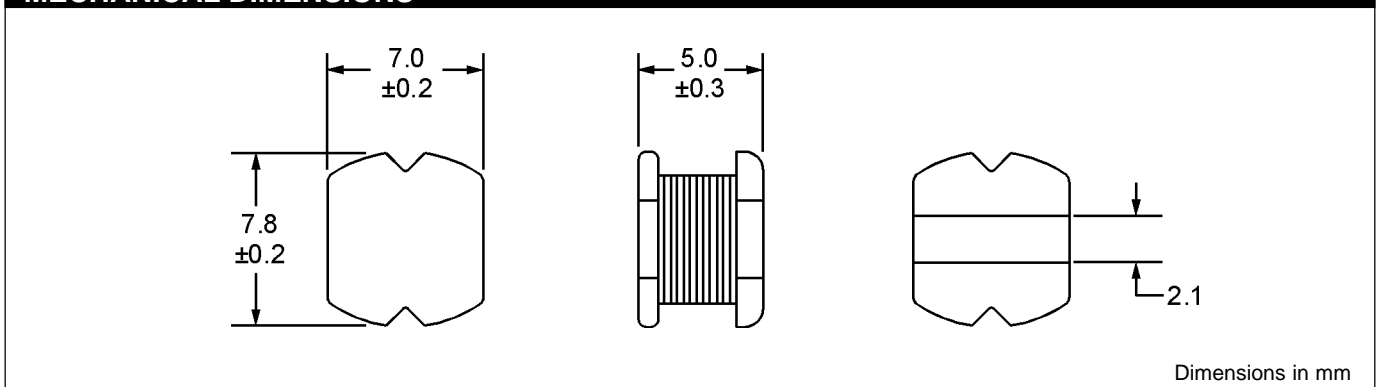
GENERAL SPECIFICATIONS

Inductance Range	10μH to 470μH
Tolerance	20%, 15%, or 10%
Operating Temperature	-30°C to +100°C
Construction	Ferrite Core

SPECIFICATIONS BY INDUCTANCE VALUE

Inductance Code	Inductance (μH)	Test Freq (MHz)	DCR Max (Ohms)	IDC Max (Amps)
100	10	2.52	0.07	2.30
120	12	2.52	0.08	2.00
150	15	2.52	0.09	1.80
180	18	2.52	0.10	1.60
220	22	2.52	0.11	1.50
270	27	2.52	0.12	1.30
330	33	2.52	0.13	1.20
390	39	2.52	0.16	1.10
470	47	2.52	0.18	1.10
560	56	2.52	0.24	0.94
680	68	2.52	0.28	0.85
820	82	2.52	0.37	0.78
101	100	0.1	0.43	0.72
121	120	0.1	0.47	0.66
151	150	0.1	0.64	0.58
181	180	0.1	0.71	0.51
221	220	0.1	0.96	0.49
271	270	0.1	1.11	0.42
331	330	0.1	1.26	0.40
391	390	0.1	1.77	0.36
471	470	0.1	1.96	0.34

MECHANICAL DIMENSIONS



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Specifications subject to change without notice. • Contact factory for latest revision • 6/02 • (NM10)