

HIGH CURRENT CHOKE / LRC TYPE

FEATURES

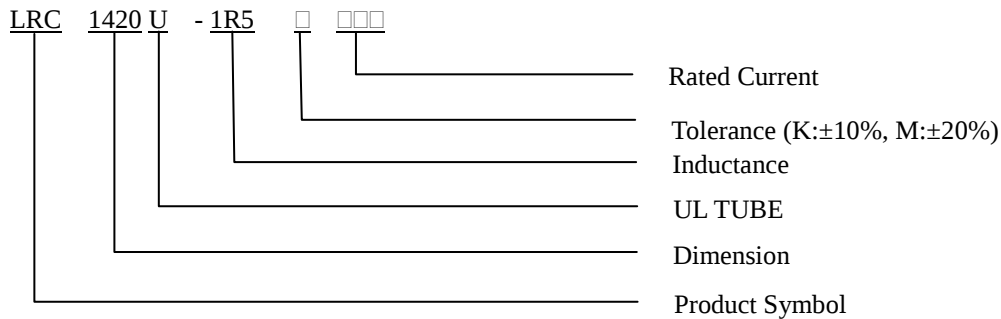
The use of high saturation flux density material makes these coils ideal for use in switching regulated power supply application and wherever high current choke values in a small physical size are needed.



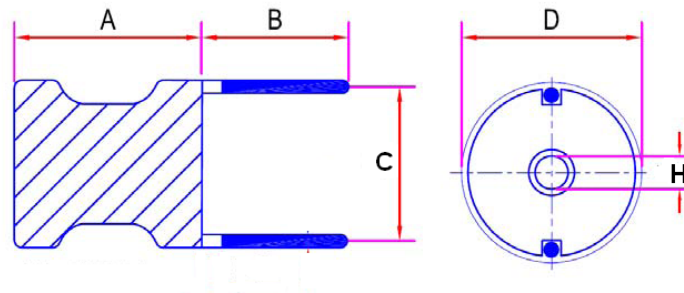
APPLICATIONS

- ◆ Switching Regulators
- ◆ SCR and Triac Controls
- ◆ RFI Suppression
- ◆ Power Amplifiers
- ◆ Speaker Crossover Networks
- ◆ Filters

ORDERING CODE



SHAPES



DIMENSIONS UNIT: mm

Part No.	A (MAX)	B	C (REF)	D (MAX)	H (MIN)
LRC1420U	21.5	15 ± 3.0	12.0	16.5	3.0
LRC1820U	21.5	15 ± 3.0	15.0	21.0	3.0
LRC2620U	21.5	15 ± 3.0	22.0	28.0	5.0
LRC3525U	28.0	15 ± 3.0	30.0	40.0	3.6



CORE MASTER ENTERPRISE CO., LTD.

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SPECIFICATIONS

Part No.	Inductance (μH) At 1KHz	Rated Current (A)	DC Resistance (Ω) Max	Part No.	Inductance (μH) At 1KHz	Rated Current (A)	DC Resistance (Ω) Max
LRC1420U-1R0M	1.0	28	0.003	LRC1820U-1R0M	1.0	60	0.003
LRC1420U-1R2M	1.2	26	0.003	LRC1820U-1R2M	1.2	54	0.003
LRC1420U-1R5M	1.5	23	0.004	LRC1820U-1R5M	1.5	48	0.003
LRC1420U-1R8M	1.8	21	0.004	LRC1820U-1R8M	1.8	44	0.003
LRC1420U-2R2M	2.2	19	0.005	LRC1820U-2R2M	2.2	40	0.004
LRC1420U-2R7M	2.7	17	0.005	LRC1820U-2R7M	2.7	36	0.005
LRC1420U-3R3M	3.3	15	0.005	LRC1820U-3R3M	3.3	33	0.005
LRC1420U-3R9M	3.9	14	0.006	LRC1820U-3R9M	3.9	30	0.005
LRC1420U-4R7M	4.7	13	0.007	LRC1820U-4R7M	4.7	28	0.005
LRC1420U-5R6M	5.6	12	0.007	LRC1820U-5R6M	5.6	25	0.006
LRC1420U-6R8M	6.8	11	0.008	LRC1820U-6R8M	6.8	23	0.007
LRC1420U-8R2M	8.2	10	0.009	LRC1820U-8R2M	8.2	21	0.007
LRC1420U-100K	10	9.0	0.010	LRC1820U-100K	10	19	0.009
LRC1420U-120K	12	8.5	0.011	LRC1820U-120K	12	17	0.009
LRC1420U-150K	15	7.5	0.015	LRC1820U-150K	15	15	0.013
LRC1420U-180K	18	6.8	0.016	LRC1820U-180K	18	14	0.018
LRC1420U-220K	22	6.0	0.025	LRC1820U-220K	22	13	0.019
LRC1420U-270K	27	5.5	0.030	LRC1820U-270K	27	11	0.026
LRC1420U-330K	33	5.0	0.040	LRC1820U-330K	33	10	0.029
LRC1420U-390K	39	4.5	0.046	LRC1820U-390K	39	9.5	0.030
LRC1420U-470K	47	4.0	0.062	LRC1820U-470K	47	8.8	0.035
LRC1420U-560K	56	3.7	0.069	LRC1820U-560K	56	8.0	0.039
LRC1420U-680K	68	3.4	0.077	LRC1820U-680K	68	7.2	0.053
LRC1420U-820K	82	3.1	0.083	LRC1820U-820K	82	6.6	0.060
LRC1420U-101K	100	2.8	0.095	LRC1820U-101K	100	6.0	0.080
LRC1420U-121K	120	2.5	0.127	LRC1820U-121K	120	5.5	0.090
LRC1420U-151K	150	2.3	0.181	LRC1820U-151K	150	4.8	0.098
LRC1420U-181K	180	2.1	0.217	LRC1820U-181K	180	4.4	0.110
LRC1420U-221K	220	1.9	0.240	LRC1820U-221K	220	4.0	0.150
LRC1420U-271K	270	1.7	0.300	LRC1820U-271K	270	3.6	0.213
LRC1420U-331K	330	1.5	0.336	LRC1820U-331K	330	3.3	0.305
LRC1420U-391K	390	1.4	0.460	LRC1820U-391K	390	3.0	0.320
LRC1420U-471K	470	1.3	0.636	LRC1820U-471K	470	2.7	0.355
LRC1420U-561K	560	1.2	0.696	LRC1820U-561K	560	2.5	0.388

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LRC2620U-3R9M	3.9	32.0	0.003	LRC3525U-3R9M	3.9	95	0.003
LRC2620U-4R7M	4.7	29.0	0.003	LRC3525U-4R7M	4.7	95	0.003
LRC2620U-5R6M	5.6	26.0	0.003	LRC3525U-5R6M	5.6	79	0.004
LRC2620U-6R8M	6.8	24.0	0.004	LRC3525U-6R8M	6.8	79	0.004
LRC2620U-8R2M	8.2	22.0	0.004	LRC3525U-8R2M	8.2	69	0.004
LRC2620U-100K	10	20.0	0.006	LRC3525U-100K	10	61	0.005
LRC2620U-120K	12	18.0	0.008	LRC3525U-120K	12	55	0.005
LRC2620U-150K	15	16.0	0.009	LRC3525U-150K	15	49	0.006
LRC2620U-180K	18	15.0	0.010	LRC3525U-180K	18	41	0.008
LRC2620U-220K	22	13.5	0.011	LRC3525U-220K	22	38	0.009
LRC2620U-270K	27	12.0	0.012	LRC3525U-270K	27	36	0.010
LRC2620U-330K	33	11.0	0.017	LRC3525U-330K	33	31	0.011
LRC2620U-390K	39	10.0	0.022	LRC3525U-390K	39	28	0.012
LRC2620U-470K	47	9.2	0.024	LRC3525U-470K	47	27	0.018
LRC2620U-560K	56	8.5	0.026	LRC3525U-560K	56	26	0.019
LRC2620U-680K	68	7.6	0.029	LRC3525U -680K	68	25	0.021
LRC2620U-820K	82	7.0	0.032	LRC3525U -820K	82	23	0.023
LRC2620U-101K	100	6.5	0.034	LRC3525U -101K	100	20	0.025
LRC2620U-121K	120	5.8	0.046	LRC3525U -121K	120	18	0.028
LRC2620U-151K	150	5.2	0.064	LRC3525U -151K	150	17	0.040
LRC2620U-181K	180	4.7	0.072	LRC3525U -181K	180	15	0.045
LRC2620U-221K	220	4.3	0.080	LRC3525U -221K	220	13	0.050
LRC2620U-271K	270	3.9	0.110	LRC3525U -271K	270	12	0.056
LRC2620U-331K	330	3.5	0.122	LRC3525U -331K	330	11	0.074
LRC2620U-391K	390	3.2	0.169	LRC3525U -391K	390	10	0.082
LRC2620U-471K	470	2.9	0.187	LRC3525U -471K	470	9.2	0.114
LRC2620U-561K	560	2.7	0.205	LRC3525U -561K	560	8.3	0.125
LRC2620U-681K	680	2.4	0.256	LRC3525U -681K	680	7.6	0.139
LRC2620U-821K	820	2.2	0.288	LRC3525U -821K	820	6.8	0.154
LRC2620U-102K	1000	2.0	0.426	LRC3525U -102K	1000	6.2	0.216
LRC2620U-122K	1200	1.8	0.462	LRC3525U -122K	1200	5.7	0.232
LRC2620U-152K	1500	1.6	0.518	LRC3525U -152K	1500	5.1	0.324
LRC2620U-182K	1800	1.5	0.705	LRC3525U -182K	1800	4.6	0.360
LRC2620U-222K	2200	1.3	1.020	LRC3525U -222K	2200	4.2	0.494
LRC2620U-272K	2700	1.2	1.140	LRC3525U -272K	2700	3.8	0.555
LRC2620U-332K	3300	1.1	1.270	LRC3525U -332K	3300	3.4	0.773
LRC2620U-392K	3900	1.0	1.670	LRC3525U -392K	3900	3.1	0.845
LRC2620U-472K	4700	0.9	1.860	LRC3525U -472K	4700	2.9	1.140

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