

Specifications:

Nanocrystalline cores for EMC common mode chokes

Part No.	Core dimension (mm)			Case dimension (mm)			Eff. cross area (cm ²)	Mean path length (cm)	A _L (μH)	A _L (μH)
	od	id	h	OD	ID	H			10KHz,0.25V	100KHz,0.25V
							Ae	Lm	Typical A _L **	Typical A _L **
KMN986545	9.8	6.5	4.5	11.3	5	6.1	0.06	2.6	25.5	6.4
KMN120805	12	8	5	14.4	6.5	7.0	0.08	3.1	28.0	6.8
KMN151005	15	10	4.5	17.1	8.3	7.1	0.09	3.9	27.0	6.7
KMN161006	16	10	6	17.9	8.1	8.1	0.14	4.1	43.0	10.1
KMN161008	16	10	8	17.8	8.4	9.9	0.19	4.1	46.1	11.5
KMN171206	17.5	12.6	6	19.2	10.9	8.1	0.11	4.7	30.0	6.9
KMN191510	19	15	10	21.2	13.5	12.3	0.16	5.3	36.1	8.8
KMN201208	20	12	8	21.7	10.8	9.9	0.25	5.0	55.2	13.6
KMN201210	20	12	10	22.6	10.5	12.5	0.31	5.0	62.4	15.6
KMN211510	21	15	10	23.6	12.8	12.7	0.23	5.7	41.6	10.4
KMN211308E*	21.3	13.6	8	22	13	8.8	0.24	5.5	44.1	11.0
KMN252010	25	20	10	28	17.2	13.2	0.20	7.1	28.4	7.3
KMN251610	25	16	10	28	14.0	13.1	0.35	6.4	67.0	15.5
KMN261610	25.5	16	10	28.4	13.9	13	0.39	6.6	57.1	14.3
KMN302010	30	20	10	33.2	17.8	13.3	0.39	7.9	59.3	14.0
KMN302015	30	20	15	33.6	17.8	17.8	0.59	7.9	88.0	20.0
KMN322010	32	20	10	34.4	18.0	13.1	0.47	8.2	57.6	14.4
KMN322015	32	20	15	34.6	17.9	18.2	0.70	8.2	86.4	21.6
KMN322115Y	32	21	15	35.5	18.5	19	0.64	8.3	77.7	19.4
KMN382415	37.8	24.2	15	40.8	21.6	18.3	0.80	9.7	82.1	20.5
KMN402515	40	25	15	43.8	21.6	18.8	0.88	10.2	99.0	23.1
KMN402520	40	25	20	45	21.5	24.7	1.17	10.2	115.2	28.8
KMN403215	40	32	15	44.9	28.8	18.8	0.47	11.3	48.0	11.3
KMN453015	45	30	15	48.3	26.4	18.2	0.88	11.8	87.6	20.0
KMN462725	46	27	25	48.8	24.6	27.8	1.85	11.5	162.4	40.6
KMN503220	50	32	20	53.8	28.5	23.8	1.40	12.9	109.6	27.4
KMN504020	50	40	20	53.6	37.1	23	0.78	14.1	45.0	13.5
KMN635025	63	50	25	69	46	29	1.27	17.7	59.0	17.5
KMN644020	64	40	20	68.2	37	23.5	1.87	16.3	115.2	28.8
KMN644025	64	40	25	67.4	37	29.2	2.34	16.3	144.0	36.0
KMN805020	80	50	20	83.8	46.6	25.0	2.34	20.4	94.0	28.0
KMN805025	80	50	25	84.0	47.0	29.0	2.93	20.4	144.0	36.0
KMN906020	90	60	20	95.4	54.7	24.7	2.34	23.6	81.0	25.1
KMN1008020	100	80	20	105	75	25	1.56	28.3	55.5	13.9
KMN1027625	102	76	25	108.1	70.0	30.3	2.54	27.9	91.1	22.8
KMN1108025	110	80	25	116.6	73.8	31.4	2.93	29.8	98.5	24.6
KMN1309030	130	90	30	135.3	84.9	36.5	4.68	34.5	136.1	34.0
KMN14010025	140	100	25	145	95	30	3.90	37.7	91.0	26.0
KMN16013025	160	130	25	165	125	30	2.93	45.5	56.5	16.1
KMN17012025	170	120	25	175	115	30	4.88	45.5	94.1	26.9
KMN20016030	200	160	30	207	153	37	4.50	56.5	72.8	20.8

These cores are our standard cores in plastic case, custom sizes are available.

* Epoxy coated.

** AL value tolerance: +50%/-30%