TC series

Shape and Dimensions(unit:mm) :

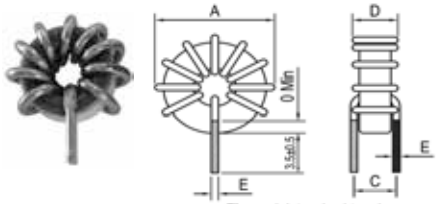


Figure 1 (standard type)

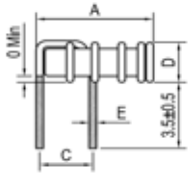


Figure 3 (standard F type)

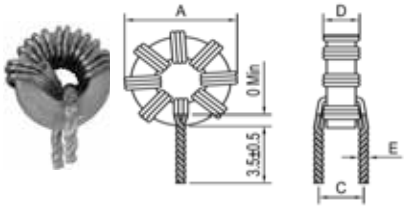


Figure 2 (multiwire type)

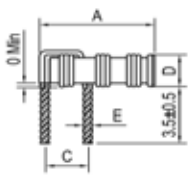


Figure 4 (multiwire F type)

Part No.	L At Idc=0A (uH)	DCR (mΩ) Max.	Rated Current (A) Max.	Dimension (mm) A Max.	C ±1.0	D Max.	E	Fig
TC - R82M - 10A - 3018	0.82	4.2	10	10.5	5.5	6.0	1.0±0.2	2
TC - R60M - 14A - 3818	0.6	2.2	14	13.0	7.0	7.5	1.4±0.2	2
TC - 1R0M - 10A - 3818	1.0	3.3	10	14.0	7.0	8.0	1.4±0.2	2
TC - 1R2M - 14A - 4453	1.2	3.0	14	15.5	5.5	8.0	1.1±0.1	1
TC - 2R2M - 10A - 4453	2.2	4.0	10	15.5	5.5	8.0	1.0±0.1	1
TC - R60M - 25A - 5018	0.6	1.4	25	16.5	7.5	8.0	1.6±0.3	2
TC - 1R2M - 18A - 5018	1.2	1.9	18	16.5	9.0	11.5	1.9±0.3	2
TC - 1R5M - 10A - 5052B	1.5	2.6	10	17.5	8.0	10.0	1.2±0.1	1
TC - 1R6M - 18A - 5053B	1.6	3.0	18	17.5	9.0	10.5	1.9±0.3	2
TC - 1R2M - 20A - 6018 - F	1.2	2.1	20	19.0	6.5	9.5	1.7±0.3	4
TC - 1R2M - 25A - 6053	1.2	1.9	25	19.0	9.0	9.5	1.9±0.3	2
TC - 2R2M - 15A - 6018	2.2	2.7	15	19.0	8.5	9.0	1.8±0.3	2
TC - 3R0M - 10A - 6052 - F	3.0	4.0	10	21.0	5.5	10.0	2.2±0.2	4

·These parts designed for computer main board. / Inductance measuring frequency: @200kHz 0.25V.
·Customer's specifications are welcome.
·Rated Current: Obtained when temperature rise to 40℃ and the initial inductance drop by 20%.

● TBV/TBKM/TBH series

Shape and Dimensions(unit:mm) :



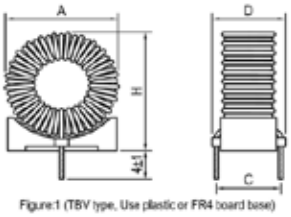


Figure:1 (TBV type, Use plastic or FR4 board base)

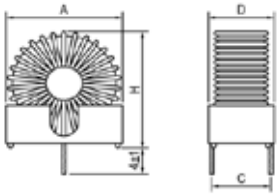


Figure:2 (TBKM type, Use KM series base)

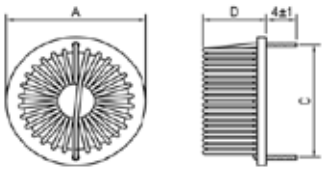


Figure:3 (TBH type, Use FR4 board base)

Part No.	Inductance At Idc=0A (uH)	Inductance At Idc (uH)	DCR (Ω) Max.	Irms (A) Max.	Dimension (mm) A Max.	C ±0.5	D Max.	H Max.	Fig
TBV - 3R3M - 2A - 3826	3.3	3.1	0.010	2.0	13.0	6.0	8.0	14.0	1
TBV - 5R0M - 2A - 3826	5.0	4.8	0.011	2.0	13.0	6.0	8.0	14.0	1
TBV - 200M - 3A - 6826	20.0	17.5	0.026	3.0	22.0	10.0	12.5	24.0	1
TBV - 101M - 3A - 6826	100.0	56.0	0.060	3.0	22.0	10.0	12.5	24.0	1
TBKM - 150M - 2A - 4426	15.0	12.6	0.023	2.0	15.0	5.6	9.0	18.0	2
TBKM - 680M - 2A - 4426	68.0	42.0	0.056	2.0	15.0	5.6	9.0	18.0	2
TBKM - 600M - 3A - 5026B	60.0	41.0	0.038	3.0	17.0	7.6	11.8	20.0	2
TBKM - 101M - 2A - 5026B	100.0	71.0	0.081	2.0	17.0	7.6	11.8	20.0	2
TBKM - 470M - 3A - 6826A	47.0	36.0	0.030	3.0	21.5	7.6	11.8	24.5	2
TBKM - 111M - 4A - 6826A	110.0	46.0	0.042	5.0	21.5	7.6	11.8	24.5	2
TBKM - 680M - 7A - 8026B	68.0	33.0	0.035	5.0	24.5	11.4	15.5	27.5	2
TBKM - 101M - 4A - 8026B	100.0	70.0	0.039	4.0	24.5	11.4	15.5	27.5	2
TBKM - 101M - 5A -10626	100.0	75.0	0.036	5.0	32.0	12.7	18.2	35.0	2
TBKM - 201M - 3A -10626	200.0	157.0	0.078	3.0	32.0	12.7	18.2	35.0	2
TBH - 471M - 3A - 9026	470.0	233.0	0.150	3.0	31.0	27.0	16.5		3

·Same overall size available with different material.
·Customer's specifications are welcome.

* Due to the limited space, the catalogue shows the typical specifications only. For more specific details (characteristics graph, reliability, and others), kindly invite you to access 3L official website www.3lcoil.com for better known.