

Toroidal Inductor

Feature

- High saturation material with wide inductance range.
- High current capability and low DC resistance.

APPLICATIONS

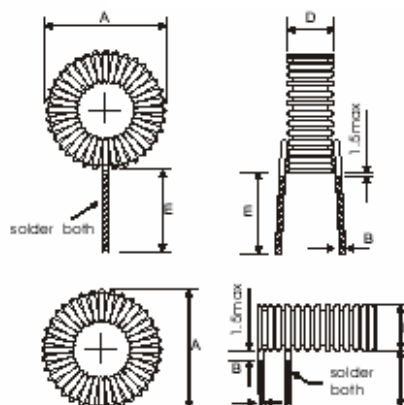
Switching Regulators Automotive Systems Power Supplies Power Supplies SCR and Triac ontrols Speaker Crossover Networks EM/RFI Suppression

Available type

- ALL NORMAL AND CUSTOMIZED SIZES ARE AVAILABLE

Shape and dimensions

Item	Available Range
A	6.0~40mm
D	4.5~20mm
B	0.2~1.5mm
E	15 ±3mm
Inductance	1μH~10mH
Rated current	0.5A~10A



Identification

KCTC	50	26	***	100	M
1	2	3		4	5

- 1, Series name
- 2, Core style, outer diameter = 0.50 inches
- 3, Material of iron power core (26 or 52)
- 4, Inductance (100: 10uH)
- 5, Tolerance (K: 10% M: 20%)

KCTC2026 Series

P/N	INDUCTANCE (uH) 1KHz/OA	INDUCTANCE (uH) 1KHz Max IDC	DCR(A) (max)	DC RESISTANCE (O)Max	DIMENSION(mm)		WEIGHT (g/pcs)
					A	D	
KCTC2026-5R0M	5	4.90	0.50	0.0070	7.50	4.50	0.40
KCTC2026-9R0M	9	8.80	0.30	0.0110	8.00	4.50	0.20
KCTC2026-150M	15	13.50	0.50	0.0700	7.50	4.50	0.40
KCTC2026-200M	20	19.80	0.20	0.1980	7.50	4.00	0.20
KCTC2026-270M	27	27.00	0.10	0.0330	7.50	4.00	0.20
KCTC2026-270M	27	25.50	0.30	0.0310	8.00	4.50	0.20
KCTC3026-100M	10	7.70	2.00	0.0170	12.00	7.00	1.60
KCTC3026-120M	12	10.70	1.00	0.0400	10.50	6.00	1.20
KCTC3026-320M	32	25.00	1.00	0.0650	12.00	7.00	1.40
KCTC3026-370M	37	33.70	0.50	0.1340	10.00	5.50	1.00
KCTC3026-141M	140	107.00	0.50	0.2650	10.00	6.00	1.20
KCTC3726-8R2M	8.2	7.20	2.00	0.0170	14.50	7.00	2.00
KCTC3726-220M	22	17.00	2.00	0.0300	14.50	7.50	2.40
KCTC3726-240M	24	22.00	1.00	0.0550	13.50	6.00	1.60
KCTC3726-560M	56	53.00	0.50	0.1810	12.50	5.50	1.40
KCTC3726-680M	68	53.00	1.00	0.0950	13.50	6.50	2.00
KCTC3726-241M	240	190.00	0.50	0.3600	13.00	6.50	1.60
KCTC4426-150M	15	12.60	2.00	0.0230	15.50	7.50	2.80
KCTC4426-430M	43	37.00	1.00	0.0740	14.50	7.00	2.60
KCTC4426-680M	68	42.00	2.00	0.0560	15.50	9.00	3.80
KCTC4426-111M	110	100.00	0.50	0.2500	14.00	6.50	2.40
KCTC4426-141M	140	104.00	1.00	0.1400	15.00	7.50	3.20
KCTC4426-361M	360	285.00	0.50	0.4600	14.50	7.50	2.80
KCTC5026-200M	20	15.00	3.00	0.0210	17.50	9.00	4.40
KCTC5026-300M	30	25.00	1.00	0.0350	17.00	8.50	4.00
KCTC5026-600M	60	35.00	3.00	0.0380	18.00	10.00	5.80
KCTC5026-680M	68	60.00	1.00	0.1010	16.00	7.50	3.60
KCTC5026-101M	100	63.00	2.00	0.0810	17.00	9.00	5.20
KCTC5026-221M	220	162.00	1.00	0.1900	16.50	8.00	4.40
KCTC6026-220M	22	15.00	5.00	0.0140	21.50	11.50	8.00
KCTC6026-290M	29	20.00	4.00	0.0200	21.00	11.00	7.80
KCTC6026-350M	35	28.00	3.00	0.0260	20.50	10.50	7.60
KCTC6026-580M	58	45.00	2.00	0.0610	20.00	10.00	7.20
KCTC6026-900M	90	52.50	3.00	0.0440	20.50	12.50	9.20
KCTC6026-111M	110	79.00	2.00	0.0690	19.50	10.00	8.00
KCTC6026-131M	130	116.00	1.00	0.1460	19.00	9.00	6.40
KCTC6026-471M	470	310.00	1.00	0.2860	21.00	11.00	7.60
KCTC6026-250M	25	18.00	5.00	0.0160	24.00	10.50	9.20
KCTC6826-320M	32	24.00	4.00	0.0210	23.50	10.00	9.00
KCTC6826-430M	43	30.00	3.00	0.0300	23.50	9.50	8.80
KCTC6826-650M	65	55.00	2.00	0.0550	22.00	9.00	8.20
KCTC6826-111M	110	56.00	4.00	0.0420	23.50	11.00	11.40
KCTC6826-131M	130	77.00	3.00	0.0550	23.00	10.50	10.40
KCTC6826-151M	150	137.00	1.00	0.1590	21.50	7.50	7.60

KCTC6826 Series

P/N	INDUCTANCE (uH) 1KHz/OA	INDUCTANCE (uH) 1KHz Max IDC	DCR(A) (max)	DC RESISTANCE (O)Max	DIMENSION(mm)		WEIGHT (g/pcs)
					A	D	
KCTC6826-231M	230	148.00	2.00	0.1080	22.50	9.50	9.80
KCTC8026-500M	50	33.00	5.00	0.0220	26.50	12.00	14.20
KCTC8026-600M	60	42.00	4.00	0.0300	26.50	11.50	13.70
KCTC8026-750M	75	54.00	3.00	0.0390	25.50	11.00	13.00
KCTC8026-820M	82	60.00	3.00	0.0420	24.50	10.50	13.00
KCTC8026-101M	100	53.00	5.00	0.0330	26.50	12.50	16.80
KCTC8026151M	150	68.00	5.00	0.0420	27.00	13.50	18.00
KCTC8026-221M	220	105.00	4.00	0.0590	26.50	13.00	17.90
KCTC8026-271M	270	140.00	3.00	0.0810	26.00	12.00	16.60
KCTC8026-321M	320	193.00	2.00	0.1310	25.00	10.50	14.00
KCTC8026-431M	430	246.00	2.00	0.1500	25.00	11.00	15.00
KCTC8026-961M	960	625.00	1.00	0.4380	25.00	11.00	13.00
KCTC9026-900M	90	54.00	5.00	0.0340	29.50	15.50	23.60
KCTC9026-141M	140	98.00	3.00	0.0640	28.00	14.50	22.00
KCTC9026-201M	200	154.00	2.00	0.1140	28.00	14.00	20.80
KCTC9026-321M	320	120.00	5.00	0.0680	29.50	17.00	29.60
KCTC9026-451M	450	280.00	2.00	0.1740	28.00	14.00	23.00
KCTC9026-471M	470	398.00	1.00	0.3540	26.50	13.00	19.50
KCTC9026-471M	470	225.00	3.00	0.1880	28.50	15.50	27.00
KCTC9026-182M	1800	1130.00	1.00	0.6800	27.50	14.00	22.40
KCTC9426-820M	82	52.00	5.00	0.0330	31.00	15.50	22.40
KCTC9426-101M	100	69.00	4.00	0.0420	29.50	13.50	21.90
KCTC9426-131M	130	9600.00	3.00	0.0610	29.00	13.00	21.60
KCTC9426-221M	220	170.00	2.00	0.1210	28.50	12.00	20.60
KCTC9426-301M	300	120.00	5.00	0.0640	30.00	15.50	28.80
KCTC9426-391M	390	165.00	4.00	0.0880	29.50	15.00	27.20
KCTC9426-471M	470	400.00	1.00	0.3420	27.50	11.50	19.00
KCTC9426-501M	500	242.00	3.00	0.1240	29.00	14.00	26.00
KCTC9426-781M	780	428.00	2.00	0.2250	28.50	13.50	24.10
KCTC9426-132M	1300	933.00	1.00	0.5850	28.50	12.50	21.20
KCTC10626-300M	30	21.00	10.00	0.0090	36.00	19.50	42.00
KCTC10626-350M	35	25.00	10.00	0.0100	36.00	19.50	43.00
KCTC10626-560M	56	41.50	7.00	0.0200	34.00	18.00	40.00
KCTC10626-680M	68	46.00	7.00	0.0210	34.00	18.00	40.00
KCTC10626-820M	82	53.00	7.00	0.0230	34.00	18.00	41.00
KCTC10626-101M	100	75.00	5.00	0.0360	33.50	17.00	39.00
KCTC10626-151M	150	110.00	4.00	0.0530	32.50	16.50	38.40
KCTC10626-201M	200	157.00	3.00	0.0780	32.00	16.00	37.80
KCTC10626-301M	300	250.00	2.00	0.1420	31.50	15.50	37.80
KCTC10626-851M	850	567.00	2.00	0.2110	32.50	16.50	41.80
KCTC13026-750M	75	43.00	10.00	0.0140	42.00	19.50	64.00
KCTC13026-131M	130	79.00	7.00	0.0310	41.00	18.00	58.00
KCTC13026-201M	200	134.00	5.00	0.0560	39.00	17.00	55.60
KCTC13026-251M	250	105.00	10.00	0.0270	42.50	21.50	82.00
KCTC13026-471M	470	190	7	0.064	40.5	19.5	72
KCTC13026-681M	680	295	5	0.105	39	18.5	65.2