

RING cores

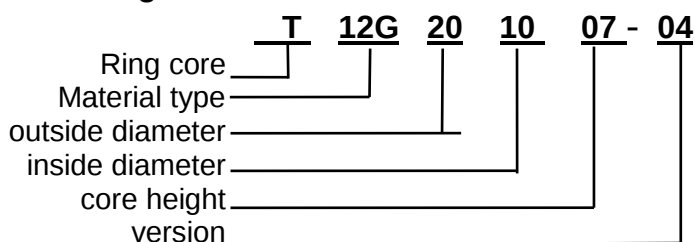
Applications:

Ferrite toroids are magnetically closed cores that enable low dissipation of magnetic field in relation to cores of different shape. High inductance could also be reached with relatively small cores when using ferrite toroids. Toroids are used for small wide-band transformers, for balancing transformers, for transducers and for interference suppression chokes. Toroids with rounded rims are mostly recommended and produced while sharp rims can easily ruin isolation winding. Plastic covered toroids are available on special request only.

Packing:

core type	type of package	No. of pieces in basic box
T 06 03 03	PE bag	6000
T 06 04 04	PE bag	6000
T 10 06 04	polystirol trays	3750
T 12 07 05	polystirol trays	2000
T 13 08 05	polystirol trays	2000
T 14 09 05	polystirol trays	2000
T 16 10 06	polystirol trays	1000
T 19 11 08	polystirene trays	600
T 20 10 07	polystirene trays	600
T 20 11 15	polystirol trays	300
T 22 14 07	polystirol trays	500
T 23 12 07	polystirol trays	500
T 25 15 10	polystirol trays	400
T 26 14 15	polystirol trays	168
T 28 15 20	polystirol trays	140
T 30 20 07	polystirene trays	256
T 32 19 13	polystirene trays	216
T 34 20 13	polystirene trays	216
T 36 23 15	polystirene trays	81
T 40 24 16	polystirene trays	90
T 42 26 18	polystirene trays	60
T 50 34 30	polystirene trays	60
T 56 32 18	polystirene trays	56
T 58 41 18	polystirene trays	56
T 63 38 25	polystirene trays	33
T 85 62 20		
T 87 56 13	polystirene trays	26

Explanation of core designation:

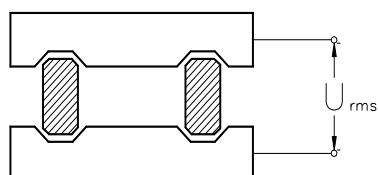


RING cores

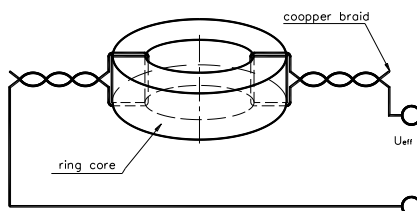
Version		coat thickness	V_{rms}	
02	chamfered edges	/	/	
05	deburred (round edges)	/	/	
04	epoxy coated	≈ 0.15	T10 thru T20	≥ 1.5 kV rms
04	epoxy coated	≈ 0.25	T22 thru T87	≥ 2.0 kV rms
06	parlyene coated	≈ 0.04	< T10	$\geq 0,5$ kV rms
09	with plastic caps	≈ 0.45	T20 thru T34	≥ 2.0 kV rms
09	with plastic caps	≈ 0.55	> T34	≥ 2.5 kV rms

Breakdown Voltage is tested in two different ways:

1.) Copper ring is pressed to the top of the ring). It touches the ring core at the edges:



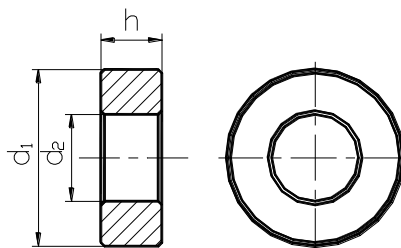
2.) Two separate windings of Copper braid is wound onto ring:



The test duration: 2 seconds.

RING cores

Dimensions:



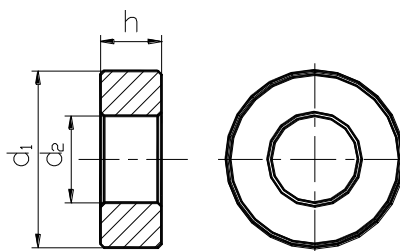
Designation	Uncoated dimensions – 02 version			dimensions of coated toroids– 04version			plastic cup available
	d ₁ [mm]	d ₂ [mm]	h [mm]	d ₁ [mm]	d ₂ [mm]	h [mm]	
T * 06 / 03 03	5.80 ± 0.25	3.0 ± 0.20	3.0 ± 0.15	/	/	/	no
T * 06 / 04 04	6.30 ± 0.25	3.8 ± 0.20	4.0 ± 0.15	/	/	/	no
T * 06 / 04 025	6.30 ± 0.25	3.8 ± 0.20	2.5 ± 0.15	≤ 7.05	≥ 3.2	≤ 3.15	no
T * 10 / 06 025	10.0 ± 0.25	6.0 ± 0.20	2.5 ± 0.15	≤ 10.75	≥ 5.45	≤ 3.15	no
T * 10 / 06 04	10.0 ± 0.25	6.0 ± 0.20	4.0 ± 0.20	≤ 10.75	≥ 5.45	≤ 4.8	no
T * 10 / 06 05	10.0 ± 0.25	6.0 ± 0.20	5.0 ± 0.20	≤ 10.75	≥ 5.45	≤ 5.8	no
T * 12 / 07 05	12.5 ± 0.30	7.5 ± 0.20	5.0 ± 0.20	≤ 13.4	≥ 6.9	≤ 5.9	no
T * 12 / 07 06	12.5 ± 0.30	7.5 ± 0.20	6.0 ± 0.20	≤ 13.4	≥ 6.9	≤ 6.9	no
T * 13 / 07 03	13.0 ± 0.30	7.0 ± 0.25	3.0 ± 0.15	≤ 13.9	≥ 6.35	≤ 3.85	no
T * 13 / 07 05	13.0 ± 0.30	7.0 ± 0.25	5.0 ± 0.20	≤ 13.9	≥ 6.35	≤ 5.9	no
T * 13 / 07 06	13.0 ± 0.30	7.0 ± 0.25	6.0 ± 0.20	≤ 13.9	≥ 6.35	≤ 6.8	no
T * 13 / 08 05	13.3 ± 0.30	8.3 ± 0.30	5.0 ± 0.20	≤ 14.2	≥ 7.6	≤ 5.9	no
T * 13 / 08 06	13.3 ± 0.30	8.3 ± 0.30	6.0 ± 0.20	≤ 14.2	≥ 7.6	≤ 6.9	no
T * 14 / 08 025	13.4 ± 0.30	7.5 ± 0.20	2.5 ± 0.20	≤ 14.3	≥ 6.9	≤ 3.15	no
T * 14 / 08 04	13.4 ± 0.30	7.5 ± 0.20	4.0 ± 0.20	≤ 14.3	≥ 6.9	≤ 4.8	no
T * 14 / 09 05	14.0 ± 0.40	9.0 ± 0.30	5.0 ± 0.20	≤ 15.0	≥ 8.3	≤ 5.9	no
T * 14 / 09 06	14.0 ± 0.40	9.0 ± 0.30	6.0 ± 0.20	≤ 15.0	≥ 8.3	≤ 6.9	no
T * 14 / 09 09	14.0 ± 0.40	9.0 ± 0.30	9.0 ± 0.30	≤ 15.0	≥ 8.3	≤ 10.0	no
T * 15 / 07 09	15.5 ± 0.40	7.5 ± 0.30	9.0 ± 0.30	≤ 16.5	≥ 6.8	≤ 10.0	no
T * 16 / 08 07	16.0 ± 0.40	8.0 ± 0.30	7.0 ± 0.30	≤ 17.1	≥ 6.3	≤ 8.0	no
T * 16 / 08 09	16.0 ± 0.40	8.0 ± 0.30	9.0 ± 0.30	≤ 17.1	≥ 6.3	≤ 10.0	no
T * 16 / 10 05	16.0 ± 0.40	9.6 ± 0.30	5.0 ± 0.20	≤ 17.1	≥ 8.9	≤ 5.9	no
T * 16 / 10 06	16.0 ± 0.40	9.6 ± 0.30	6.1 ± 0.20	≤ 17.1	≥ 8.9	≤ 7.0	no
T * 16 / 10 07	16.0 ± 0.40	9.6 ± 0.30	7.0 ± 0.30	≤ 17.1	≥ 8.9	≤ 8.0	no
T * 18 / 06 08	18.0 ± 0.40	5.8 ± 0.30	8.0 ± 0.30	≤ 19.0	≥ 5.1	≤ 9.0	no
T * 19 / 11 08	18.9 ± 0.40	11.0 ± 0.35	8.0 ± 0.30	≤ 19.9	≥ 10.25	≤ 9.0	no
T * 19 / 11 10	18.9 ± 0.40	11.0 ± 0.35	10.0 ± 0.30	≤ 20.0	≥ 10.25	≤ 11.0	no
T * 20 / 10 07	20.0 ± 0.50	9.8 ± 0.35	7.0 ± 0.30	≤ 21.1	≥ 9.0	≤ 8.0	yes
T * 20 / 10 08	20.0 ± 0.50	9.8 ± 0.35	8.0 ± 0.30	≤ 21.1	≥ 9.0	≤ 9.0	no
T * 20 / 11 15	20.0 ± 0.50	10.5 ± 0.35	15.0 ± 0.40	≤ 21.1	≥ 9.75	≤ 16.1	yes
T * 22 / 14 07	22.1 ± 0.50	13.7 ± 0.4	7.0 ± 0.30	≤ 23.30	≥ 12.8	≤ 8.1	no
T * 22 / 14 08	22.1 ± 0.50	13.7 ± 0.4	8.0 ± 0.30	≤ 23.55	≥ 12.25	≤ 9.25	no

* desired material

Other heights are available on customer request!

RING cores

Dimensions:



Designation	Uncoated dimensions – 02 version			dimensions of coated toroids– 04version			plastic cup available
	d ₁ [mm]	d ₂ [mm]	h [mm]	d ₁ [mm]	d ₂ [mm]	h [mm]	
T * 22 / 14 13	22.1 ± 0.50	13.7 ± 0.4	13.0 ± 0.35	≤ 23.30	≥ 12.8	≤ 14.15	yes
T * 23 / 12 07	22.5 ± 0.50	12.3 ± 0.4	7.0 ± 0.30	≤ 23.7	≥ 11.9	≤ 8.1	no
T * 23 / 12 09	22.5 ± 0.50	12.3 ± 0.4	9.0 ± 0.30	≤ 23.7	≥ 11.9	≤ 10.1	no
T * 23 / 12 13	22.5 ± 0.50	12.3 ± 0.4	12.7 ± 0.30	≤ 23.7	≥ 11.9	≤ 14.2	no
T * 25 / 15 10	25.0 ± 0.60	15.0 ± 0.40	10.0 ± 0.30	≤ 26.3	≥ 14.1	≤ 11.1	yes
T * 25 / 15 13	25.0 ± 0.60	15.0 ± 0.40	13.0 ± 0.30	≤ 26.3	≥ 14.1	≤ 14.2	no
T * 25 / 15 15	25.0 ± 0.60	15.0 ± 0.4	15.0 ± 0.4	≤ 26.3	≥ 14.1	≤ 16.4	no
T * 26 / 14 07	26.0 ± 0.60	14.5 ± 0.4	7.0 ± 0.30	≤ 27.3	≥ 13.6	≤ 8.0	no
T * 26 / 14 10	26.0 ± 0.60	14.5 ± 0.4	10.0 ± 0.30	≤ 27.3	≥ 13.6	≤ 11.1	yes
T * 26 / 14 15	26.0 ± 0.60	14.5 ± 0.4	15.0 ± 0.40	≤ 27.3	≥ 13.6	≤ 16.2	yes
T * 26 / 14 20	26.0 ± 0.60	14.5 ± 0.4	20.0 ± 0.60	≤ 27.3	≥ 13.6	≤ 21.4	yes
T * 28 / 15 13	27.5 ± 0.60	14.9 ± 0.4	13.1 ± 0.40	≤ 28.8	≥ 14.0	≤ 14.2	no
T * 28 / 15 20	27.5 ± 0.60	14.9 ± 0.4	20.0 ± 0.60	≤ 28.8	≥ 14.0	≤ 21.4	no
T * 30 / 20 07	29.5 ± 0.90	20.0 ± 0.5	7.0 ± 0.30	≤ 31.1	≥ 19.0	≤ 8.1	no
T * 32 / 19 13	31.5 ± 0.90	19.0 ± 0.5	12.5 ± 0.35	≤ 33.1	≥ 17.8	≤ 13.6	no
T * 34 / 20 13	34.0 ± 0.90	20.5 ± 0.5	12.5 ± 0.35	≤ 35.6	≥ 19.5	≤ 13.65	yes
T * 36 / 23 10	36.0 ± 0.90	23.0 ± 0.6	10.0 ± 0.30	≤ 37.6	≥ 21.9	≤ 11.1	yes
T * 36 / 23 15	36.0 ± 0.90	23.0 ± 0.6	15.0 ± 0.40	≤ 37.6	≥ 21.9	≤ 16.2	yes
T * 36 / 23 19	36.0 ± 0.90	23.0 ± 0.6	19.0 ± 0.40	≤ 38.8	≥ 21.4	≤ 21.0	yes
T * 36 / 23 22	36.0 ± 0.90	23.0 ± 0.6	22.0 ± 1.00	≤ 37.6	≥ 21.9	≤ 23.8	no
T * 40 / 24 16	40.0 ± 1.2	24.0 ± 0.7	16.0 ± 0.50	≤ 41.9	≥ 22.8	≤ 17.3	yes
T * 42 / 26 17	42.0 ± 1.2	26.0 ± 0.7	17.0 ± 0.70	≤ 43.9	≥ 24.8	≤ 18.5	no
T * 42 / 26 18	42.0 ± 1.2	26.0 ± 0.7	18.0 ± 0.70	≤ 43.9	≥ 24.8	≤ 19.5	yes
T * 42 / 21 18	42.0 ± 1.2	21.0 ± 0.3	18.5 ± 0.40	≤ 43.5	≥ 20.2	≤ 19.7	no
T * 44 / 24 22	44.5 ± 1.2	24.35 ± 0.7	22.0 ± 0.70	≤ 45.7	≥ 23.15	≤ 23.5	no
T * 50 / 15 10	50.0 ± 1.0	15.0 ± 0.40	10.0 ± 0.30	≤ 51.6	≥ 14.1	≤ 11.1	no
T * 50 / 34 30	50.0 ± 0.80	34.0 ± 0.6	30.0 ± 0.50	≤ 51.6	≥ 32.8	≤ 31.3	no
T * 56 / 32 18	55.5 ± 1.6	32.3 ± 0.9	18.0 ± 0.70	≤ 57.9	≥ 30.9	≤ 19.5	yes
T * 58 / 41 18	58.3 ± 1.0	40.8 ± 0.8	17.6 ± 0.40	≤ 60.1	≥ 39.6	≤ 18.8	no
T * 63 / 38 25	63.0 ± 1.8	38.0 ± 1.0	25.0 ± 0.80	≤ 65.3	≥ 36.0	≤ 26.6	no
T * 85 / 62 20	85.0 ± 1.6	62.0 ± 1.2	20.0 ± 0.60	≤ 87.3	≥ 60.4	≤ 21.4	no
T * 87 / 56 13	87.0 ± 1.8	56.0 ± 1.1	12.7 ± 0.35	≤ 89.5	≥ 54.4	≤ 13.85	no
T * 87 / 56 25	87.0 ± 1.8	56.0 ± 1.1	25.4 ± 0.50	≤ 89.5	≥ 54.4	≤ 26.9	no
T * 87 / 56 30	87.0 ± 1.8	56.0 ± 1.90	30.0 ± 1.0	≤ 89.5	≥ 54.4	≤ 31.8	no

* desired material

Other heights are available on customer request!

RING cores

Effective core parameters

Designation	le	Ae	Ve
T * 06 / 03 03	12.9	5.4	70.0
T * 06 / 04 025	15.2	3.0	46
T * 06 / 04 04	15.2	3.75	57.0
T * 10 / 06 025	24.1	4.8	117
T * 10 / 06 04	24.1	7.83	188
T * 10 / 06 05	24.1	9.8	235
T * 12 / 07 05	30.1	12.2	368
T * 12 / 07 06	30.0	14.6	441
T * 13 / 07 03	31.4	9.0	283
T * 13 / 07 05	31.4	15.0	424
T * 13 / 07 06	31.4	18.0	563
T * 13 / 08 05	33.9	12.5	423
T * 13 / 08 06	39.9	15.0	508
T * 14 / 08 025	31.0	7.2	222
T * 14 / 08 04	32.8	11.8	387
T * 14 / 09 05	35.0	12.2	430
T * 14 / 09 06	35.0	14.75	516
T * 14 / 09 09	35.0	22.0	774
T * 15 / 07 09	33.1	34.3	1140
T * 16 / 08 07	30.4	43.9	937
T * 16 / 08 09	34.8	34.6	1204
T * 16 / 10 05	38.5	15.5	600
T * 16 / 10 06	38.5	19.5	751.5
T * 16 / 10 07	38.5	21.9	843
T * 18 / 06 08	34.8	26.9	1335
T * 19 / 11 08	43.0	30.8	1325
T * 19 / 11 10	44.7	38.5	1725
T * 20 / 10 07	46.8	35.7	1670
T * 20 / 10 08	46.8	40.8	1900
T * 20 / 11 15	44.7	69.0	3077
T * 22 / 14 07	51.1	29.4	1646
T * 22 / 14 08	56.1	33.6	1881

Designation	le	Ae	Ve
T * 22 / 14 13	56.2	53.3	2989
T * 23 / 12 07	51.5	35.7	1838
T * 23 / 12 09	51.5	44.5	2290
T * 23 / 12 13	51.5	64.3	3310
T * 25 / 15 10	60.2	48.9	2944
T * 25 / 15 13	60.2	63.6	3827
T * 25 / 15 15	62.6	122.0	7640
T * 26 / 14 07	60.1	39.0	2353
T * 26 / 14 10	60.1	55.9	3316
T * 26 / 14 15	60.1	83.8	5040
T * 26 / 14 20	60.1	111.8	6720
T * 28 / 15 13	62.6	79.4	4970
T * 28 / 15 20	62.2	122.1	7640
T * 30 / 20 07	77.9	33.0	2488
T * 32 / 19 13	76.0	76.3	5800
T * 34 / 20 13	82.0	82.5	6778
T * 36 / 23 10	89.6	63.9	5730
T * 36 / 23 15	89.7	95.6	8750
T * 36 / 23 19	89.7	121.0	10860
T * 36 / 23 22	89.7	140.6	12600
T * 40 / 24 16	96.3	125.0	12060
T * 42 / 26 18	102.0	141.0	14520
T * 42 / 21 18	98.9	189.7	18763
T * 44 / 24 22	101.8	215.0	21900
T * 50 / 15 10	81.0	193	12585
T * 50 / 34 30	128.7	237.0	30516
T * 56 / 32 18	132.0	202.0	26640
T * 58 / 41 18	152.4	152.4	23223
T * 63 / 38 25	152.0	306.0	46500
T * 85 / 62 20	231.0	228.0	52620
T * 87 / 56 13	217.5	193.0	42133
T * 87 / 56 25	217.5	387.4	84266

RING cores

A_L values [1mT, 10kHz, 25°C]

	A _L value [nH]								
Designation	High permeability materials						High frequency materials		
* material type	19G	22G	42G	12G	32G	52G	1C	2C	1F
μ _i	4300	6000	8000	10000	12000	15000	900	300	80
tolerance	+30 / - 20 %	+30 / - 20 %	+25 / - 25 %	+30 / - 30 %	+30 / - 30 %	+30 / - 30 %	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %
T * 06 / 03 03	1720	2400	3200	4000	4800	6000	350	120	32
T * 06 / 04 025	1100	1550	2000	2500	3000	3700	230	77	20
T * 06 / 04 04	1740	2400	3200	4040	4850	6050	360	120	32
T * 10 / 06 025	1100	1550	2000	2550	3000	3750	230	77	20
T * 10 / 06 04	1760	2450	3250	4090	4900	6100	360	120	32
T * 10 / 06 05	2200	3050	4050	5100	6000	7500	460	150	40
T * 12 / 07 05	2200	3050	4000	5100	6100		460	150	40
T * 12 / 07 06	2650	3650	4900	6100	7300		550	185	50
T * 13 / 07 03	1430	2000	2650	3300	4000		300	105	27
T * 13 / 07 05	2700	3700	4950	6100	7400		565	190	50
T * 13 / 07 06	3200	4450	5900	7400	8800		670	220	60
T * 13 / 08 05	2050	2830	3700	4700	5700		430	140	38
T * 13 / 08 06	2450	3400	4500	5600	6700		510	170	45
T * 14 / 08 025	1250	1750	2300	2900	3400		260	85	23
T * 14 / 08 04	2000	2780	3650	4640	5550		420	140	37
T * 14 / 09 05	1900	2650	3250	4400	5300		400	130	35
T * 14 / 09 06	2300	3200	4200	5300	6300		480	160	43
T * 14 / 09 09	3400	4770	6350	7900	9500		700	240	64
T * 15 / 07 09	5600	7840	10400	13000	15500		1170	380	105
T * 16 / 08 07	4170	5820	7700	9700	11600		870	290	80
T * 16 / 08 09	5400	7500	9950	12400			1130	380	100
T * 16 / 10 05	2200	3050	4050	5100			460	150	40
T * 16 / 10 06	2650	3700	4900	6130			550	185	50
T * 16 / 10 07	3100	4300	5700	7150			650	215	60
T * 18 / 06 08	7800	10850	14400	18100			1630	540	145
T * 19 / 11 08	3700	5200	6900	8650			780	260	70
T * 19 / 11 10	4700	6400	8600	10800			980	330	87
T * 20 / 10 07	4300	6000	7800	10000			900	300	80
T * 20 / 10 08	4900	6850	9100	11400			1000	340	90
T * 20 / 11 15	8300	11600	15000	19300			1740	580	155
T * 22 / 14 07	2900	4000	5300	6900			600	200	53
T * 22 / 14 08	3300	4600	6100	7650			690	230	60
T * 22 / 14 13	5340	7450	9900	12150			1100	370	100
T * 23 / 12 07	3630	5070	6700	8450			760	250	67
T * 23 / 12 09	4700	6500	8650	10800			980	330	87
T * 23 / 12 13	6600	9200	12200	15300			1380	460	120
T * 25 / 15 10	4300	6000	7650	10000			900	300	80
T * 25 / 15 13	5700	8000	10600	13200			1200	400	105
T * 25 / 15 15	6600	9200	12200	15300			1380	460	120
T * 26 / 14 07	3500	4900	6500	8150			730	240	65
T * 26 / 14 10	5000	7000	9200	11650			1050	350	93
T * 26 / 14 15	7500	10500	13800	17500			1570	525	140
T * 26 / 14 20	10000	14000	18500	23000			2100	700	185

* desired material

RING cores

A_L values [1mT, 10kHz, 25°C]

Designation	A _L value [nH]								
	High permeability materials						High frequency materials		
* material type	19G	22G	42G	12G	32G	52G	1C	2C	1F
μ _i	4300	6000	8000	10000	12000	15000	900	300	80
tolerance	+30 / - 20 %	+30 / - 20 %	+25 / - 25 %	+30 / - 30 %	+30 / - 30 %	+30 / - 30 %	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %
T * 28 / 15 13	6900	9600	12000	16000			1400	480	130
T * 28 / 15 20	10500	14700	19500	24500			2200	735	195
T * 30 / 20 07	2340	3260	4300	5400			490	160	43
T * 32 / 19 13	5100	7080	9500	11800			1050	360	100
T * 34 / 20 13	5450	7600	10000	12650			1170	380	105
T * 36 / 23 10	3850	5350	7000	8960			800	270	70
T * 36 / 23 15	5780	7800	10200	13400			1200	400	110
T * 36 / 23 19	7350	10200	13600	17000			1500	500	135
T * 36 / 23 22	8450	11800					1750	590	160
T * 40 / 24 16	7000	9800					1470	490	130
T * 42 / 26 18	7400	10350					1550	520	140
T * 42 / 21 18	11000	12050							
T * 44 / 24 22	11400	15900							
T * 50 / 15 10	10350	14450							
T * 50 / 34 30	9300	13000							
T * 56 / 32 18	8900	11650							
T * 58 / 41 18	5300	7500							
T * 63 / 38 25	10200	14200							
T * 85 / 62 20	5300	7400							
T * 87 / 56 13	4800	6700							
T * 87 / 56 25	9650	13400							
T * 87 / 56 30	11350	15850							

* desired material

RING cores

A_L values [1mT, 10kHz, 25°C]

	A _L value [nH]				
Designation	Power materials				
*material type	15G / 65G	35G	45G	55G	75G
μ _i	2000	2200	2300	1800	1300
Tolerance	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %
T * 06 / 03 03	800	880	920	720	520
T * 06 / 04 025	500	550	575	450	325
T * 06 / 04 04	800	890	930	720	520
T * 10 / 06 025	500	550	575	450	325
T * 10 / 06 04	800	900	940	720	520
T * 10 / 06 05	1000	1100	1150	900	650
T * 12 / 07 05	1000	1120	1150	900	650
T * 12 / 07 06	1200	1320	1380	1080	780
T * 13 / 07 03	750	820	850	670	480
T * 13 / 07 05	1250	1375	1430	1125	810
T * 13 / 07 06	1500	1650	1725	1350	975
T * 13 / 08 05	940	1040	1080	850	610
T * 13 / 08 06	1120	1230	1280	1000	730
T * 14 / 08 025	580	640	670	520	380
T * 14 / 08 04	930	1020	1060	830	600
T * 14 / 09 05	880	970	1000	790	570
T * 14 / 09 06	1060	1150	1200	950	690
T * 14 / 09 09	1600	1740	1800	1430	1030
T * 15 / 07 09	2600	2870	3000	2350	1700
T * 16 / 08 07	1940	2130	2230	1750	1250
T * 16 / 08 09	2500	2750	2875	2250	1625
T * 16 / 10 05	1000	1100	1150	900	650
T * 16 / 10 06	1220	1350	1400	1100	800
T * 16 / 10 07	1420	1562	1633	1280	925
T * 18 / 06 08	3600	4000	4150	1700	1250
T * 19 / 11 08	1740	1900	2000	1550	1130
T * 19 / 11 10	2175	2390	1500	1950	1415
T * 20 / 10 07	2000	2200	2300	1800	1300
T * 20 / 10 08	2280	2508	2622	2050	1480
T * 20 / 11 15	3870	4250	4440	3500	2500
T * 22 / 14 07	1350	1470	1530	1200	870
T * 22 / 14 08	1525	1680	1750	1370	990
T * 22 / 14 13	2480	2730	2850	2230	1600
T * 23 / 12 07	1690	1850	1940	1520	1100
T * 23 / 12 09	2170	2390	2500	1950	1410
T * 23 / 12 13	3130	3440	3600	2800	2035
T * 25 / 15 10	2000	2200	2350	1840	1330
T * 25 / 15 13	2600	2860	2990	2340	1690
T * 25 / 15 15	3000	3300	3450	2700	1950
T * 26 / 14 07	1630	1800	1875	1470	1060
T * 26 / 14 10	2340	2570	2680	2050	1500
T * 26 / 14 15	3500	3850	4000	3050	2250

* desired material

RING cores

A_L values [1mT, 10kHz, 25°C]

	A _L value [nH]				
Designation	Power materials				
*material type	15G / 65G	35G	45G	55G	75G
μi	2000	2200	2300	1800	1300
Tolerance	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %	+30 / - 20 %
T * 26 / 14 07	1640	1800	1880	1470	1060
T * 26 / 14 10	2340	2570	2680	2050	1500
T * 26 / 14 15	3500	3850	4000	3050	2250
T * 26 / 14 20	4700	5100	5360	4100	2950
T * 28 / 15 13	3180	3500	3650	2860	2070
T * 28 / 15 20	4900	5400	5640	4400	4600
T * 30 / 20 07	1080	1200	1240	970	700
T * 32 / 19 13	2350	2585	2700	2115	1530
T * 34 / 20 13	2530	2780	2900	2350	1700
T * 36 / 23 10	1800	1950	2050	1600	1150
T * 36 / 23 15	2680	2950	3090	2400	1730
T * 36 / 23 19	3400	3740	3910	3060	2210
T * 36 / 23 22	3930	4300	4500	3550	2550
T * 40 / 24 16	3250	3580	4000	2900	2100
T * 42 / 26 18	3450	3800	3970	3100	2250
T * 42 / 21 18	5110	5620	5880	4600	3320
T * 44 / 24 22	5300	5830	6095	4770	3445
T * 50 / 15 10	4800	5280	5520	4320	3120
T * 50 / 34 30	4320	4750	4950	3900	2800
T * 56 / 32 18	3900	5200	4450	4250	3080
T * 58 / 41 18	2450	2700	2830	2200	1600
T * 63 / 38 25	4720	5200	5430	4500	3250
T * 85 / 62 20	2450	2695	2800	2200	1600
T * 87 / 56 13	2230	2460	2570	2050	1480
T * 87 / 56 25	4400	4840	5060	3960	2860
T * 87 / 56 30	5300	5830	6095	4770	3445

* desired material