



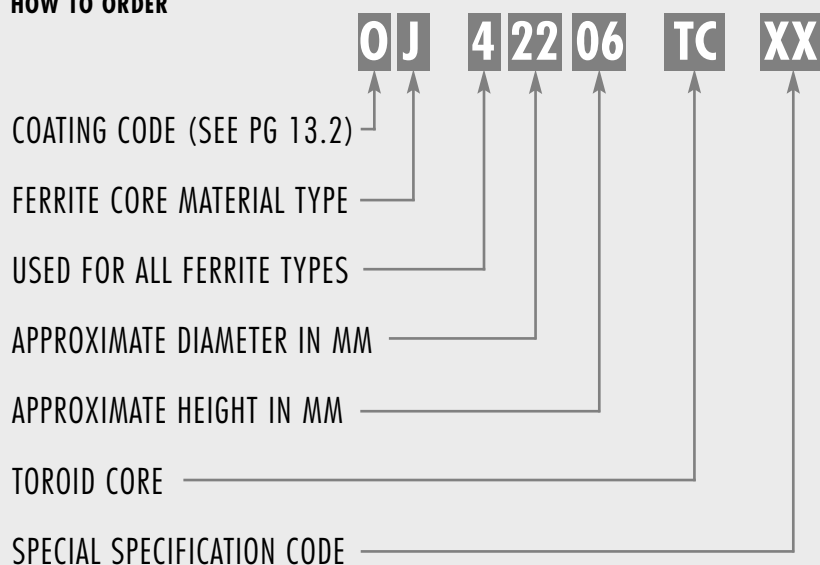
Toroids

TOROIDS

Ferrite toroids offer high magnetic efficiency as there is no air gap, and the cross sectional area is uniform. Available in many sizes (O.D.s from 2.54mm to 107mm) and materials (permeabilities ranging from 750 to 15,000), this section lists common sizes. For additional sizes contact Magnetics Sales.

Typical applications for high permeability toroids (J, W, and H materials) include common mode chokes, broadband transformers, pulse transformers and current transformers. R, P and F material toroids are excellent choices for high frequency transformers. Special sizes in J material are available for Ground Fault Interrupter applications.

HOW TO ORDER



*COATING CODES

0 — Bare core
 V — Nylon coating
 Y — Parylene C®
 Z — Epoxy coating

*SPECIAL SPECIFICATION CODES

CC — Color Coded

*See page 13.2 — 13.3 for discussion of coating and other special requirements.



COATINGS

In order to increase winding ease and improve voltage breakdown, toroids are available coated. There are three categories of coatings available; Parylene, Nylon and Epoxy.

Parylene C® is a vacuum-deposited material which has a uniform coating (including edges) with a thickness of .013mm to .05mm, a smooth winding surface, and good moisture resistance to organic solvents and acid bases. The electrical characteristics are superior to other coatings. To specify Parylene use "Y" as the coating code when ordering.

Parylene C® is available for cores with O.D.s up to 12.7mm. The continuous maximum rating is 130° C.

Parylene C® offers a minimum voltage breakdown of 600 volts wire to wire.

Nylon coating (V designation) provides good adhesion, a smooth winding surface and excellent resistance to moisture and organic solvents. Typically, Nylon coating is .10mm to .20mm thick.

Available in the 12.7 mm to 29 mm size range, Nylon is a good finish for continuous operation from -65° C to +155° C. Nylon coating offers a minimum voltage breakdown of 1000 volts (wire to wire).

Epoxy is rated to 200° C continuous operation. Coating thickness with Epoxy is typically less than with Nylon.

The size range for Epoxy is from 9.5 mm to 86 mm.

NOTE: W & H materials are not available in Nylon coating.

SPECIAL SPECIFICATION CODES

COLOR CODING

Toroids (as well as other cores) can be marked with a color code to help differentiate different materials. When ordering add "CC" as the special specification code.

MATERIAL	ASSIGNED COLOR CODES
R	Blue
P	Green
F	White
J	Red
W	Yellow
H	Purple

HIGH VOLTAGE

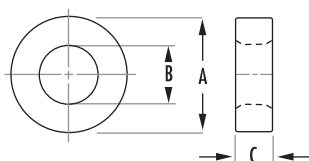
Voltage breakdown higher than the standard guarantees can be provided. Dimensional tolerances are relaxed to allow for the added coating. Contact Magnetics Application Engineering for specifications.

Toroid Core Data

A_L (mH/1000T) min

PART	MECHANICAL DIMENSIONS (mm)			POWER MATERIALS			HIGH PERMEABILITY MATERIALS		
	A (O.D.)	B (I.D.)	C (HGT.)	R 2300 $\mu \pm 25\%$	P 2500 $\mu \pm 25\%$	F 3000 $\mu \pm 20\%$	J 5000 $\mu \pm 20\%$	W 10,000 $\mu \pm 30\%$	H 15,000 $\mu \pm 30\%$
40200TC	2.54	1.27	1.27	400	454	525	875	1,750	2,625
40301TC	3.51	1.83	1.27	380	410	495	825	1,650	2,475
40502TC	3.94	2.24	1.27	340	368	440	735	1,470	2,205
40503TC	3.94	2.24	2.54	670	716	885	1,475	2,950	4,425
40401TC	4.83	2.29	1.27	440	474	570	950	1,900	2,850
40402TC	4.83	2.29	2.54	870	948	1,140	1,900	3,800	5,700
40601TC	5.84	3.05	1.52	450	488	585	980	1,960	2,940
40603TC	5.84	3.05	3.18	940	1,020	1,225	2,040	4,080	6,120
40705TC	7.62	3.18	4.78	1,920	2,088	2,505	4,175	8,350	12,500
40907TC	9.53	5.59	7.11	1,730	1,884	2,260	3,765	7,530	11,300
41003TC	9.53	4.75	3.18	1,000	1,095	1,314	2,196	4,392	6,590
41005TC	9.53	4.75	4.78	1,510	1,650	1,980	3,308	6,616	992
41206TC	12.7	5.16	6.35	2,600	2,820	3,384	5,640	11,280	16,900
41303TC	12.7	8.14	3.15	680	745	894	1,488	2,976	4,460
41305TC	12.7	8.14	5.08	1,090	1,190	1,430	2,380	4,760	7,140
41306TC	12.7	8.14	6.35	1,360	1,485	1,782	2,968	5,936	8,900

To order, add coating and material code.



For the cores listed here, dimensional tolerances for bare and coated cores are on pages 13.10-13.12.

Other core heights are available upon special request.

Toroid Core Data

Toroids

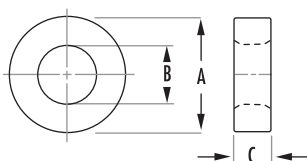
PART	MAGNETIC DATA						AVAIL. COATINGS
	l_e (mm)	A_e (mm ²)	V_e (mm ³)	WINDOW AREA (cm ²)	CORE WEIGHT (g)	$W_a A_c$ (cm ⁴)	
40200TC	5.53	0.77	4.3	0.01	0.03	-	Y
40301TC	7.65	1.03	7.87	0.02	0.04	-	Y
40502TC	9.2	1.05	9.7	0.03	0.05	-	Y
40503TC	9.2	2.1	19.4	0.03	0.10	-	Y
40401TC	10.2	1.5	15.7	0.04	0.09	-	Y
40402TC	10.21	3.08	31.4	0.04	0.17	-	Y
40601TC	13.0	2	26.7	0.07	0.14	-	Y
40603TC	13.0	4.3	56	0.07	0.3	-	Y
40705TC	15	9.9	149	0.07	0.9	-	Y
40907TC	22.7	13.7	310	0.24	1.6	0.03	Y, Z
41003TC	20.7	7.3	151	0.17	0.82	-	V, Y, Z
41005TC	20.7	10.9	227	0.17	1.2	0.01	Y, Z
41206TC	25	22	550	0.2	3.3	0.04	Y, Z
41303TC	31.7	7.1	226	0.49	1.2	0.03	V, Y, Z
41305TC	31.7	11.4	361	0.49	1.9	0.05	V, Y, Z
41306TC	31.7	14.2	451.2	0.49	2.4	0.07	V, Y, Z

Toroid Core Data (con't)

A _L (mH/1000T) min									
PART	MECHANICAL DIMENSIONS (mm)			POWER MATERIALS			HIGH PERMEABILITY MATERIALS		
	A (O.D.)	B (I.D.)	C (HGT.)	R 2300μ ± 25%	P 2500μ ± 25%	F 3000μ ± 20%	J 5000μ ± 20%	W 10,000μ ± 30%	H 15,000μ ± 30%
*41406TC	12.7	7.14	6.35	1,660	1,805	2,166	3,612	7,224	10,800
*41407TC	12.7	7.14	4.78	1,240	1,356	1,630	2,715	5,430	8,140
41506TC	13.2	7.37	3.96	1,020	1,111	1,334	2,295	4,590	6,880
41450TC	14.0	8.99	5	990	1,080	1,290	2,160	4,320	6,480
41605TC	15.9	9.07	4.7	1,260	1,375	1,650	2,760	5,520	8,280
41809TC	18.4	9.75	10.3	2,810	3,050	3,660	6,115	12,200	18,300
42106TC	20.6	12.7	6.35	1,380	1,500	1,680	2,800	5,600	8,400
42109TC	20.6	12.7	8.89	1,930	2,100	2,520	4,200	8,400	12,600
42206TC	22.1	13.7	6.35	1,380	1,510	1,812	3,020	6,040	9,060
42207TC	22.1	13.7	7.9	1,720	1,875	2,250	3,700	7,400	11,100
*42212TC	22.1	13.7	12.7	2,770	3,020	3,624	6,040	12,080	18,100
*42507TC	25.34	15.45	7.66	1,800	1,958	2,348	3,913	7,825	11,700
*42508TC	25.34	15.45	10.27	2,220	2,420	2,900	4,830	9,660	14,490
*42908TC	29	19	7.43	1,450	1,585	1,902	3,170	6,340	9,510
42915TC	29	19	15.2	2,960	3,222	3,868	6,447	12,894	19,300

To order, add coating and material code.

*Due to changes in core design relative to material and coating, exceptions to standard parameters are noted in the table on page 13.7



For the cores listed here, dimensional tolerances for bare and coated cores are on pages 13.10-13.12.

Other core heights are available upon special request.

Toroid Core Data (con't)

MAGNETIC DATA							AVAIL. COATINGS
PART	l_e (mm)	A_e (mm ²)	V_e (mm ³)	WINDOW AREA (cm ²)	CORE WEIGHT (g)	W _a A _c (cm ⁴)	
*41406TC	29.5	16.9	498	0.4	2.7	0.06	V, Y, Z
*41407TC	29.5	12.6	373	0.4	1.9	0.05	V, Y, Z
41506TC	30.6	10.9	332	0.42	1.9	0.04	Z
41450TC	35.0	12	421	0.63	2.2	0.07	V, Z
41605TC	37.2	15.6	580	0.62	2.8	0.09	V, Z
41809TC	41.4	43.1	1,783	0.74	9.9	0.3	V, Z
42106TC	50.3	24.6	1,238	1.27	5.4	0.29	V, Z
42109TC	50	34	1,733	1.27	8.1	0.41	V, Z
42206TC	54.1	26.2	1,417	1.48	6.4	0.37	V, Z
42207TC	54.2	32.5	1,763	1.48	8.5	0.46	V, Z
*42212TC	54.2	52.3	2,776	1.48	13.5	0.75	V, Z
*42507TC	61.5	39	2,284	1.89	11.6	0.7	V, Z
*42508TC	61.5	48	2,981	1.89	14.9	0.89	V, Z
*42908TC	73.2	37	2,704	2.84	12.9	1.02	V, Z
42915TC	73.2	74.9	5,481	2.84	27.6	2.1	Z

PART	COATING	MATERIAL	A_e (mm ²)	V_e (mm ³)
41406TC	V	F, J	16.5	496.7
41407TC	V	F, J, P, R	12.4	374
42212TC	V	F, J, P, R	51.3	2,776
42507TC	V	J, P	37.1	2,284
42508TC	V	R	48.45	2,981
42908TC	V	F, J, P, R	37	2,704

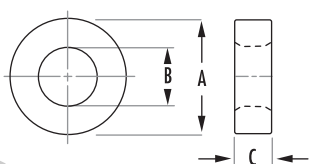
Toroid Core Data (con't)

 A_L (mH/1000T) min

PART	MECHANICAL DIMENSIONS (mm)			POWER MATERIALS			HIGH PERMEABILITY MATERIALS	
	A (O.D.)	B (I.D.)	C (HGT.)	R $2300\mu \pm 25\%$	P $2500\mu \pm 25\%$	F $3000\mu \pm 20\%$	J $5000\mu \pm 20\%$	W $10,000\mu \pm 30\%$
43113TC	30.83	19.06	12.74	2,850	3,100	3,720	6,200	12,400
43205TC	32	15	4.5	1,480	1,610	1,930	3,220	6,440
*43610TC	36	23	10	2,030	2,210	2,726	4,543	9,085
*43615TC	36	23	15	3,100	3,366	4,040	6,736	13,400
*43806TC	38	19	6.35	2,020	2,200	2,640	4,400	8,800
*43813TC	38.1	19	12.7	3,850	4,185	5,020	8,365	16,700
*43825TC	38.1	19.0	25.4	8,060	8,762	10,040	16,730	33,400
44015TC	41.8	26.2	18	-	4,208	-	-	-
*44416TC	44.3	19	15.9	5,360	5,830	7,000	11,600	23,200
*44715TC	46.9	27	15	3,700	4,030	4,840	8,075	16,100
*44916TC	49.1	33.8	15.9	2,710	2,950	3,540	5,900	11,800
*44920TC	49.1	31.8	15.9	2,790	3,032	3,640	6,065	12,130
*44925TC	49.1	31.8	19.05	3,420	3,718	4,460	7,435	14,870
*44932TC	49.1	33.8	31.3	5,430	5,900	7,080	11,800	23,600
46113TC	61	35.6	12.7	3,140	3,491	4,107	6,845	13,690
*46326TC	63	38	24.5	5,770	6,270	7,530	12,500	25,100
*47313TC	73.7	38.9	12.5	3,700	4,024	4,880	8,140	16,280
48613TC	85.7	55.5	12.7	2,510	2,726	3,310	5,520	11,040
49715TC	102	65.8	15	3,025	3,464	-	6,575	11,178
49718TC	107	65	18	4,127	4,486	-	8,972	15,252
49725TC	107	65	25	5,732	6,230	-	9,346	-

*Due to changes in core design relative to material and coating, exceptions to standard parameters are noted in the tables on page 13.9.

To order, add coating and material code.



For the cores listed here, dimensional tolerances for bare and coated cores are on pages 13.10-13.12.

Other core heights are available upon special request.

Toroid Core Data (con't)

	MAGNETIC DATA						AVAIL. COATINGS
	l_e (mm)	A_e (mm ²)	V_e (mm ³)	WINDOW AREA (cm ²)	CORE WEIGHT (g)	WdAc (cm ⁴)	
43113TC	75.4	73.6	5,547	2.83	29.3	2.11	Z
43205TC	67.2	34.5	2320	1.77	12.9	0.61	Z
*43610TC	89.7	62.6	5,616	4.15	29.4	2.61	Z
*43615TC	89.6	95.9	8,366	4.15	44	3.93	Z
*43806TC	82.9	58.3	4,644	2.85	26.4	1.62	Z
*43813TC	82.9	115.6	9,452	2.85	51.7	3.27	Z
*43825TC	82.8	231	19,304	2.85	103.4	6.58	Z
44015TC	103	138	14,205	-	-	-	Z
*44416TC	84	189	16,770	2.85	80.8	5.33	Z
*44715TC	110	145.5	16,063	5.72	84	8.12	Z
*44916TC	127	118	15,010	8.99	75.3	10.4	Z
*44920TC	123	119	14,700	7.94	74.6	9.45	Z
*44925TC	123.2	161.8	19,927	7.94	91	11.6	Z
*44932TC	127	236	30,000	8.99	150.6	21.2	Z
46113TC	145	156	22,500	9.93	117.3	15.5	Z
*46326TC	152	300	45,598	11.3	231	34.4	Z
*47313TC	165	210	34,771	11.9	177	25.2	Z
48613TC	214.9	188.8	40,582	24.2	203	45.2	Z
49715TC	255.3	267.2	68,821	-	-	-	Z
49718TC	259.31	370.27	96,013	-	-	-	Z
49725TC	259.31	514.3	133,351	-	-	-	Z

PART	COATING	MATERIAL	A_e (mm ²)	V_e (mm ³)	PART	COATING	MATERIAL	A_e (mm ²)	V_e (mm ³)
43610TC	Z	F, J	62.6	-	44715TC	Z	P	143.5	15,848
43615TC	Z	F, J, P, R	93.3	-	44916TC	Z	F, J, P	133.7	16,466
43806TC	Z	J	56.1	4,644	44920TC	Z	J, P	133.7	16,466
43813TC	Z	F, J, P	-	9,462	44925TC	Z	F, J, P	160.1	19,717
43813TC	Z	W	48.45	9,576	44932TC	Z	W	239	30,405
43825TC	Z	F, J	-	19,152	46326TC	Z	J	297	45,226
43825TC	Z	W	-	19,190	47313TC	O, Z	W	214	35,298
44416TC	Z	P	187	16,559					

Bare Core Limiting Dimensions (mm)

	R, P, F AND J MATERIALS			W AND H MATERIALS				R, P, F AND J MATERIALS			W AND H MATERIALS		
PART	O.D. MAX	I.D. MIN	HGT. MAX	O.D. MAX	I.D. MIN	HGT. MAX	PART	O.D. MAX	I.D. MIN	HGT. MAX	O.D. MAX	I.D. MIN	HGT. MAX
40200TC	2.75	1.06	1.45	2.75	1.06	1.45	42212TC	22.48	13.33	12.96	22.69	13.13	13.09
40301TC	3.71	1.62	1.45	3.71	1.62	1.45	42507TC	25.84	15.05	8.18	26.17	14.73	8.31
40502TC	4.14	2.03	1.45	4.14	2.03	1.45	42508TC	25.91	14.98	10.27	26.17	14.73	10.39
40503TC	4.14	2.03	2.80	4.14	2.03	2.80	42908TC	29.52	18.49	7.68	29.77	18.23	7.78
40401TC	5.03	2.08	1.45	5.03	2.08	1.45	42915TC	29.52	18.49	15.63	29.77	18.23	15.83
40402TC	5.03	2.08	2.80	5.03	2.08	2.80	43113TC	31.5	18.49	13.26	31.75	18.23	13.39
40601TC	6.13	2.76	1.71	6.13	2.76	1.71	43205TC	32.52	14.5	4.63	32.77	14.24	4.7
40603TC	6.13	2.76	3.43	6.13	2.76	3.43	43610TC	36.7	22.5	10.27	36.76	22.25	10.39
40705TC	7.88	2.92	4.91	8.01	2.79	5.03	43615TC	36.7	22.5	15.24	36.76	22.25	15.37
40907TC	9.78	5.33	7.29	9.91	5.2	7.40	43806TC	38.87	18.28	6.53	39.25	17.9	6.63
41003TC	9.78	4.49	3.31	9.91	4.36	3.43	43813TC	38.87	18.28	12.96	39.25	17.9	13.09
41005TC	9.78	4.49	4.91	9.91	4.36	5.03	43825TC	38.87	18.28	25.91	39.25	17.9	26.17
41206TC	12.96	4.9	6.53	13.09	4.77	6.63	44015TC	42.8	25.6	18.4	42.8	25.6	18.4
41303TC	12.96	7.67	3.31	13.09	7.54	3.43	44416TC	45.22	18.28	16.26	45.6	17.9	16.46
41305TC	12.96	7.67	5.26	13.09	7.54	5.36	44715TC	47.65	26.23	15.27	48.04	25.85	15.4
41306TC	12.96	7.67	6.53	13.09	7.54	6.63	44916TC	49.84	33.07	16.26	50.22	32.69	16.46
41406TC	12.96	6.88	6.53	13.09	6.75	6.63	44920TC	49.84	31.03	16.26	50.22	30.65	16.46
41407TC	12.96	6.88	4.91	13.09	6.75	5.03	44925TC	49.84	31.03	19.44	50.22	30.65	19.64
41506TC	13.47	7.11	4.09	13.59	6.98	4.22	44932TC	49.84	33.07	32.26	50.22	32.69	32.52
41450TC	14.25	8.73	5.14	14.38	8.61	5.26	46113TC	61.85	34.67	12.96	62.31	34.21	13.09
41605TC	16.26	8.5	4.83	16.46	8.3	4.96	46326TC	63.89	37.1	25.38	64.34	36.65	25.58
41809TC	18.83	9.37	10.52	19.03	9.16	10.65	47313TC	74.68	37.9	12.96	75.19	37.33	13.29
42106TC	20.96	12.31	6.53	21.16	12.11	6.63	48613TC	87	54.28	12.96	87.63	53.64	13.29
42109TC	20.96	12.31	9.15	21.16	12.11	9.28	49715TC	104	64.5	15.5	104	64.5	15.5
42206TC	22.48	13.33	6.53	22.69	13.13	6.63	49718TC	109	63.7	18.35	109	63.7	18.33
42207TC	22.48	13.33	8.18	22.69	13.13	8.31	49725TC	109	63.7	25.75	109	63.7	25.75

V and Z Coated Limiting Dimensions (mm)

	R, P, F AND J MATERIALS			W AND H MATERIALS				R, P, F AND J MATERIALS			W AND H MATERIALS		
PART	O.D. MAX	I.D. MIN	HGT. MAX	O.D. MAX	I.D. MIN	HGT. MAX	PART	O.D. MAX	I.D. MIN	HGT. MAX	O.D. MAX	I.D. MIN	HGT. MAX
40907TC	10.16	4.95	7.68	10.29	4.82	7.78	43113TC	31.88	18.11	13.64	32.14	17.85	13.77
41003TC	10.17	4.20	3.73	10.29	3.98	3.81	43205TC	32.9	14.12	5.01	33.15	13.86	5.08
41005TC	10.17	4.20	5.33	10.29	3.98	5.41	43610TC	37.15	22.05	10.65	37.14	21.86	10.77
41206TC	13.55	4.21	7.10	13.47	4.39	7.01	43615TC	37.15	22.05	15.6	37.14	21.86	15.75
41303TC	13.55	7.09	3.81	13.47	7.16	3.81	43806TC	39.25	17.9	6.91	39.63	17.52	7.01
41305TC	13.55	7.09	5.75	13.47	7.16	5.75	43813TC	39.25	17.9	13.34	39.63	17.52	13.47
41306TC	13.55	7.09	7.1	13.47	7.16	7.01	43825TC	39.25	17.9	26.29	39.63	17.52	26.55
41406TC	13.55	6.30	7.1	13.47	6.37	7.01	44015TC	43.15	25.15	19.20	-	-	-
41407TC	13.55	6.30	5.43	13.47	6.37	5.41	44416TC	45.6	17.9	16.64	45.98	17.52	16.85
41506TC	13.84	6.73	4.47	13.97	6.6	4.6	44715TC	48.04	25.85	15.65	48.42	25.47	15.78
41450TC	15	7.85	5.8	14.76	8.23	5.64	44916TC	50.22	32.69	16.64	50.6	32.3	16.85
41605TC	17.1	7.64	5.5	16.84	7.92	5.34	44920TC	50.22	30.65	16.64	50.6	30.27	16.85
41809TC	19.7	8.45	11.3	19.41	8.78	11.03	44925TC	50.22	30.65	19.82	50.6	30.27	20.02
42106TC	21.9	11.4	7.25	21.54	11.73	7.01	44932TC	50.22	32.69	32.64	50.6	32.3	32.9
42109TC	21.9	11.4	9.89	21.54	11.73	9.66	46113TC	62.23	34.29	13.34	62.69	33.83	13.47
42206TC	23.4	12.5	7.25	23.07	12.75	7.01	46326TC	64.9	36.4	25.8	64.72	36.27	25.96
42207TC	23.4	12.5	8.9	23.07	12.75	8.69	47313TC	75.06	37.46	13.34	75.57	36.95	13.67
42212TC	23.4	12.5	13.49	23.07	12.75	13.47	48613TC	87.38	53.89	13.34	88.02	53.26	13.67
42507TC	26.64	14.15	8.66	26.55	14.35	8.69	49715TC	104.5	64.1	16.0	104.5	64.1	16.0
42508TC	26.64	14.15	11.0	26.55	14.35	10.77	49718TC	109.5	63.3	18.85	109.5	63.3	18.85
42908TC	30.4	17.6	8.60	30.15	17.85	8.16	49725TC	109.5	63.3	26.05	109.5	63.3	26.05
42915TC	30.15	17.85	16.21	30.15	17.85	16.21							

Y Coated Limiting Dimensions (mm)

	R, P, F AND J MATERIALS			W AND H MATERIALS				R, P, F AND J MATERIALS			W AND H MATERIALS		
PART	O.D. MAX	I.D. MIN	HGT. MAX	O.D. MAX	I.D. MIN	HGT. MAX	PART	O.D. MAX	I.D. MIN	HGT. MAX	O.D. MAX	I.D. MIN	HGT. MAX
40200TC	2.82	0.99	1.53	2.82	0.99	0.53	40907TC	9.86	5.25	7.37	9.99	5.13	7.47
40301TC	3.79	1.54	1.53	3.79	1.54	1.53	41003TC	9.86	4.42	3.38	9.99	4.29	3.51
40502TC	4.22	1.95	1.53	4.22	1.95	1.53	41005TC	9.86	4.42	4.98	9.99	4.29	5.11
40503TC	4.22	1.95	2.87	4.22	1.95	2.87	41206TC	13.03	4.82	6.61	13.16	4.69	6.71
40401TC	5.11	2	1.53	5.11	2	1.53	41303TC	13.03	7.59	3.38	13.16	7.46	3.51
40402TC	5.11	2	2.87	5.11	2	2.87	41305TC	13.03	7.59	5.34	13.16	7.46	5.44
40601TC	6.2	2.69	1.78	6.2	2.69	1.78	41306TC	13.03	7.59	6.61	13.16	7.46	6.71
40603TC	6.2	2.69	3.51	6.2	2.69	3.51	41406TC	13.03	6.8	6.61	13.16	6.68	6.71
40705TC	7.95	2.84	4.98	8.08	2.71	5.11	41407TC	13.03	6.8	4.98	13.16	6.68	5.11

Toroid Mounts

DIMENSIONS (mm)												
PART	FIG	FOR CORE O.D	A NOM	B NOM	C REF	D NOM	E REF	F TYP	G TYP	H NOM	J REF	K REF
TVB22066A (6 pins)	1	12.7 - 22.1	19	10.8	12	3.5	4.8	6	7.5	5.9	5.5	2
TVB2908TA (10 pins)	2	20.6 - 31.7	27	1.8	16	5	7	14.9	5	7.5	8.1	3.5
TVB3610FA (14 pins)	3	29 - 38.1	35.8	20.8	11	5	7	16	G ₁ 6.3 G ₂ 5	7.6	9.8	4.5

These vertical mount accessories are designed to accommodate a variety of toroidal core sizes on to printed circuit board or other assemblies.
(Contact Magnetics Application Engineering for new parts not shown here)

FIGURE 1
For use with P/N's 41206TC – 42212TC

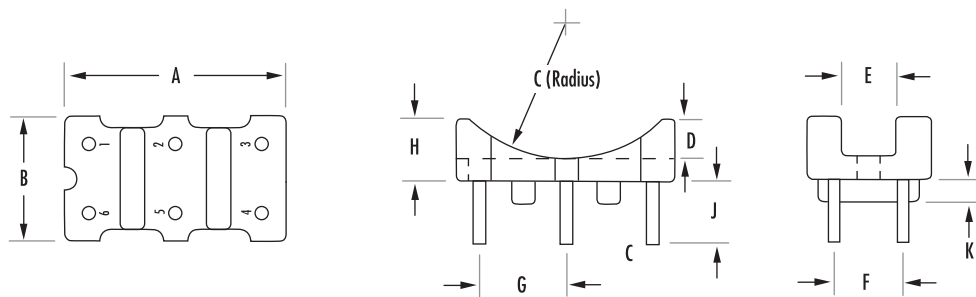


FIGURE 2
For use with P/N's 42507TC – 43113TC

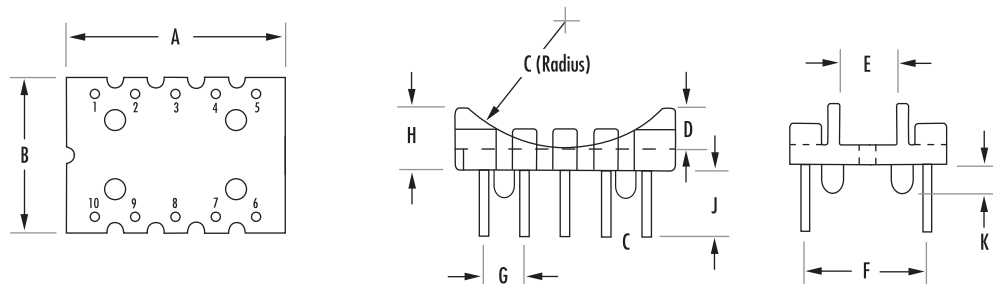
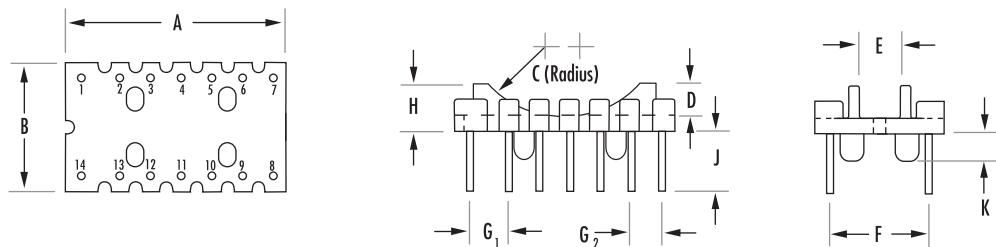


FIGURE 3
For use with P/N's 42908TC – 43825TC

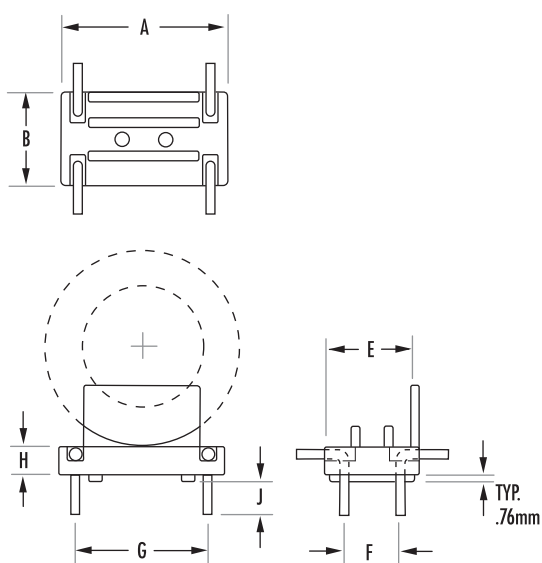


All parts
Material: Phenolic
UL 94 VO rated
Pin Material: CP Wire
Pin Diameter: .99mm

Toroid Mounts (con't)

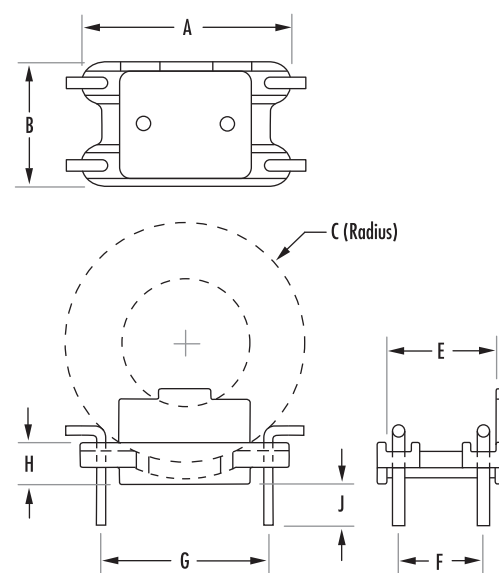
DIMENSIONS (mm) nom										
PART	FIG	FOR CORE O.D.	A	B	C	E	F	G	H	J
TVH22064A	1	12.7 - 25.4	19	10.8	-	9.8	6.35	15.2	3.2	3.8
TVH25074A	2	20.6 - 29	25.4	15.2	15.2	13	10.2	20.3	5	5
TVH38134A	2	31.8 - 38.1	27.9	20.3	20.3	18	15.2	22.9	5	5
TVH49164A	2	38.1 - 63.5	35.6	22.9	32.2	20.6	17.8	30.5	5	5
TVH61134A	2	48.2 - 71.1	43.2	27.9	35.6	25.3	22.9	38.1	5	5

FIGURE 1



Material: Nylon
UL 94 VO rated
Pin Material: CP Wire
Pin Diameter: 1mm

FIGURE 2

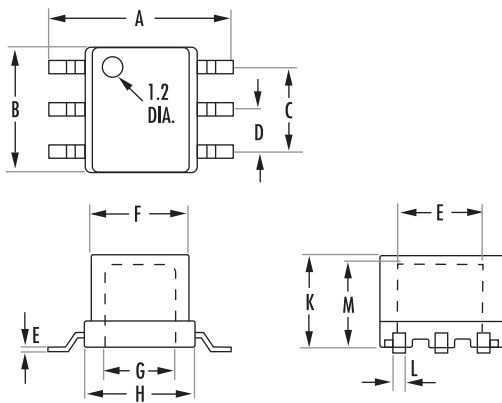


Material: Nylon
UL 94 VO rated
Pin Material: CP Wire
Pin Diameter: 1.3mm

Toroid Cups and Headers

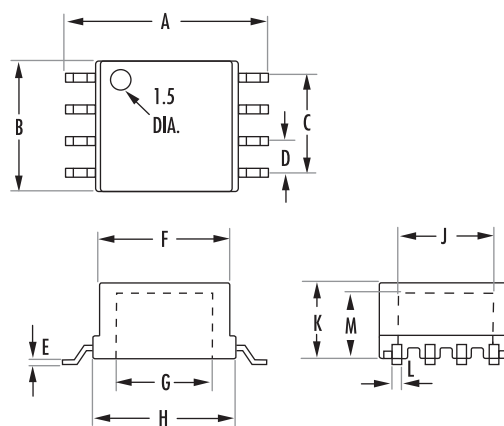
DIMENSIONS (mm)														
PART	FIG	FOR CORE O.D.	A MAX	B MAX	C NOM	D TYP	E NOM	F MAX	G MIN	H NOM	J MIN	K MAX	L NOM	M MIN
SMC03016A	1	<3.9	10.9	7.7	5	2.54	.25	5.9	4.1	6.7	5	5.8	.7	4.8
SMC06018A	2	<6.3	16.2	10.4	7.6	2.54	.30	10.4	7.6	11.4	7.6	6.1	.6	5.2
SMH05025A	3	<5.0	6.1	15.5	4	2	.25	6.3	-	-	-	1.1	.6	-
SMH07058A	4	<7.9	10.1	9.6	7.5	2.5	.25	12.5	-	-	-	1.6	.6	-

FIGURE 1



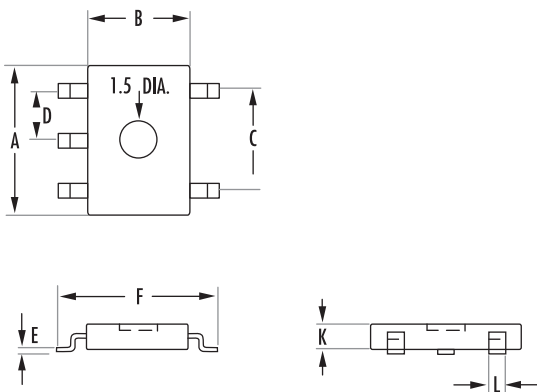
Material: L.C.P.
UL 94 VO rated
Pin Material: Phosphor Bronze

FIGURE 2



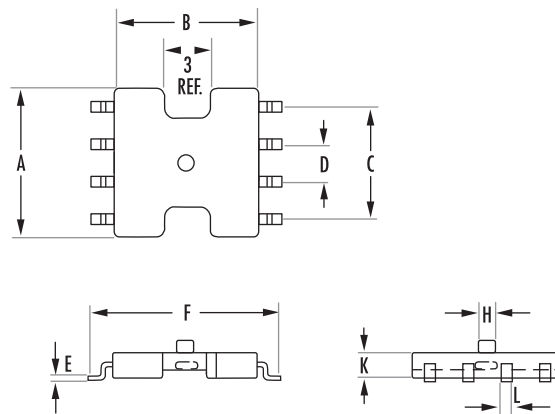
Material: Phenolic
UL 94 VO rated
Pin Material: Phosphor Bronze

FIGURE 3



Material: Phenolic
UL 94 VO rated
Pin Material: Phosphor Bronze

FIGURE 4



Material: L.C.P.
UL 94 VO rated
Pin Material: Phosphor Bronze