

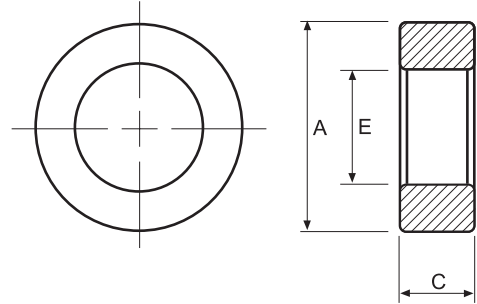
Type : T Cores

Ordering Code:

Shape:

K081	T2.03*1.27*0.76	HP	G□
Material 材質	Core Size 品名	Coating 塗裝	Gapped AL Value

C : Epoxy Coating of Halogen-Free HUC : Epoxy Coating of UL & Halogen-Free
HP : Parylene Coating of Halogen-Free



■ DIMENSIONS AND EFFECTIVE PARAMETERS

CORES	DIMENSIONS (mm)			EFFECTIVE PARAMETERS				
	PARYLENE COATING DIMENSIONS (mm)			C _i (mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
	A	E	C					
T2.03x1x0.76	2.03 ± 0.15	1.00 ± 0.15	0.76 ± 0.15	11.68	4.38	0.38	1.65	0.009
	2.03 ± 0.15	1.00 ± 0.15	0.76 ± 0.15					
T2.03x1.1x0.64	2.03 ± 0.15	1.10 ± 0.15	0.64 ± 0.15	16.02	4.62	0.29	1.33	0.007
	2.03 ± 0.15	1.10 ± 0.15	0.64 ± 0.15					
T2.03x1.27x0.76	2.03 ± 0.15	1.27 ± 0.15	0.76 ± 0.15	17.63	5.00	0.28	1.42	0.007
	2.03 ± 0.15	1.27 ± 0.15	0.76 ± 0.15					
T2.5x1.5x1.3	2.50 ± 0.15	1.50 ± 0.15	1.30 ± 0.15	9.46	6.02	0.64	3.83	0.020
	2.50 ± 0.15	1.50 ± 0.15	1.30 ± 0.15					
T2.54x1.27x1.27	2.54 ± 0.15	1.27 ± 0.15	1.27 ± 0.15	7.14	5.53	0.77	4.29	0.022
	2.54 ± 0.15	1.27 ± 0.15	1.27 ± 0.15					
T3x1x3	3.00 ± 0.20	1.00 ± 0.15	3.00 ± 0.20	1.90	5.17	2.72	14.06	0.100
	3.00 ± 0.20	1.00 ± 0.15	3.00 ± 0.20					
T3.05x1.27x1.3	3.05 ± 0.15	1.27 ± 0.15	1.30 ± 0.15	5.52	5.99	1.09	6.50	0.038
	3.05 ± 0.15	1.27 ± 0.15	1.30 ± 0.15					
T3.05x1.5x2	3.05 ± 0.15	1.50 ± 0.15	2.00 ± 0.15	4.43	6.58	1.49	9.78	0.053
	3.05 ± 0.15	1.50 ± 0.15	2.00 ± 0.15					
T3.05x1.68x2.06	3.05 ± 0.15	1.68 ± 0.15	2.06 ± 0.15	5.11	7.01	1.37	9.60	0.048
	3.05 ± 0.15	1.68 ± 0.15	2.06 ± 0.15					
T3.05x1.78x1.78	3.05 ± 0.15	1.78 ± 0.15	1.78 ± 0.15	6.55	7.23	1.10	7.98	0.041
	3.05 ± 0.15	1.78 ± 0.15	1.78 ± 0.15					
T3.3x1.2x1.6	3.30 ± 0.15	1.20 ± 0.15	1.60 ± 0.15	3.88	5.99	1.54	9.25	0.060
	3.30 ± 0.15	1.20 ± 0.15	1.60 ± 0.15					
T3.3x1.3x1.3	3.30 ± 0.15	1.30 ± 0.15	1.30 ± 0.15	5.19	6.28	1.21	7.60	0.050
	3.30 ± 0.15	1.30 ± 0.15	1.30 ± 0.15					
T3.43x1.27x3	3.43 ± 0.15	1.27 ± 0.15	3.00 ± 0.15	2.11	6.29	2.99	18.80	0.114
	3.43 ± 0.15	1.27 ± 0.15	3.00 ± 0.15					
T3.43x1.78x2.03	3.43 ± 0.15	1.78 ± 0.15	2.03 ± 0.15	4.71	7.63	1.62	12.36	0.071
	3.43 ± 0.15	1.78 ± 0.15	2.03 ± 0.15					
T3.5x1.5x3	3.50 ± 0.15	1.50 ± 0.15	3.00 ± 0.15	2.47	6.99	2.83	19.75	0.115
	3.50 ± 0.15	1.50 ± 0.15	3.00 ± 0.15					
T3.5x1.78x1	3.50 ± 0.15	1.78 ± 0.15	1.00 ± 0.15	9.38	7.69	0.82	6.31	0.037
	3.50 ± 0.15	1.78 ± 0.15	1.00 ± 0.15					
T3.5x1.8x1.3	3.45 ± 0.15	1.75 ± 0.15	1.30 ± 0.15	7.27	7.74	1.07	8.25	0.044
	3.45 ± 0.15	1.75 ± 0.15	1.30 ± 0.15					
T3.94x2.24x1.27	3.94 ± 0.15	2.24 ± 0.15	1.27 ± 0.15	8.76	9.21	1.05	9.68	0.050
	3.94 ± 0.15	2.24 ± 0.15	1.27 ± 0.15					
T4x2x2	4.00 ± 0.20	2.00 ± 0.20	2.00 ± 0.20	4.53	8.71	1.92	16.74	0.099
	4.00 ± 0.20	2.00 ± 0.20	2.00 ± 0.20					
T4.1x2.9x0.4	4.10 ± 0.20	2.90 ± 0.20	0.40 ± 0.15	45.49	10.78	0.24	2.55	0.010
	4.10 ± 0.20	2.90 ± 0.20	0.40 ± 0.15					
T4.2x1.5x2	4.20 ± 0.20	1.50 ± 0.20	2.00 ± 0.20	3.05	7.54	2.47	18.62	0.126
	4.20 ± 0.20	1.50 ± 0.20	2.00 ± 0.20					
T4.3x2.8x2.5	4.30 ± 0.20	2.80 ± 0.20	2.50 ± 0.20	5.86	10.82	1.85	19.98	0.110
	4.30 ± 0.20	2.80 ± 0.20	2.50 ± 0.20					
T4.83x2.29x2.54	4.83 ± 0.12	2.29 ± 0.15	2.54 ± 0.12	3.31	10.21	3.08	31.45	0.190
	4.83 ± 0.12	2.29 ± 0.15	2.54 ± 0.12					
T4.95x2.97x2.79	4.95 ± 0.20	2.97 ± 0.20	2.79 ± 0.20	4.51	11.92	2.70	32.21	0.180
	4.95 ± 0.20	2.97 ± 0.20	2.79 ± 0.20					

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25 % (nH/N ²)								
	L2	K081	K10	K12	K15	K20	B30	B45	B60
T2.03x1x0.76		80			155				
T2.03x1.1x0.64									
T2.03x1.27x0.76		55							
T2.5x1.5x1.3		105		156					
T2.54x1.27x1.27		144			265				
T3x1x3						100			
T3.05x1.27x1.3		170							
T3.05x1.5x2			272						
T3.05x1.68x2.06									
T3.05x1.78x1.78		149							
T3.3x1.2x1.6	18								
T3.3x1.3x1.3	14								
T3.43x1.27x3			550						
T3.43x1.78x2.03		213							
T3.5x1.5x3		385			720				
T3.5x1.78x1		100							
T3.5x1.8x1.3		135	170						
T3.94x2.24x1.27			140		210				
T4x2x2		210	270	320	400				
T4.1x2.9x0.4									16.5
T4.2x1.5x2	24								
T4.3x2.8x2.5		170	210		320				
T4.83x2.29x2.54		300	380		570				
T4.95x2.97x2.79								125	167

Remark:

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2. Coating Material

(1) Toroid Size T8 and Below: clear parylene coating, breakdown voltage: 1000Vdc, coating thickness : 0.05mm max.

(2) Toroid Size T9 and Above: green epoxy coating, breakdown voltage: 1500Vdc, coating thickness : 0.6mm max.

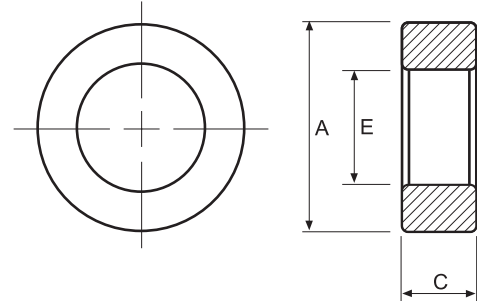
3. Customized dimensions are available.

Type : T Cores

Ordering Code:

Shape:

K081	T5*3*2	HP	G□
Material 材質	Core Size 品名	Coating 塗裝	Gapped AL Value



C : Epoxy Coating of Halogen-Free HUC : Epoxy Coating of UL & Halogen-Free
HP : Parylene Coating of Halogen-Free

■ DIMENSIONS AND EFFECTIVE PARAMETERS

CORES	DIMENSIONS (mm)			EFFECTIVE PARAMETERS				
	EPOXY COATING DIMENSIONS (mm)			C ₁ (mm ²)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
	A	E	C					
T5x3x2	5.00 ± 0.15	3.00 ± 0.15	2.00 ± 0.15	6.15	12.04	1.96	23.56	0.130
	5.00 ± 0.15*	3.00 ± 0.15*	2.00 ± 0.15*					
T5.38x2.97x2.79	5.38 ± 0.10	2.97 ± 0.10	2.79 ± 0.10	3.79	12.38	3.26	40.40	0.220
	5.38 ± 0.10*	2.97 ± 0.10*	2.79 ± 0.10*					
T5.84x3.05x1.52	5.84 ± 0.15	3.05 ± 0.15	1.52 ± 0.15	6.36	13.03	2.05	26.67	0.146
	5.84 ± 0.15*	3.05 ± 0.15*	1.52 ± 0.15*					
T6x3x2	6.00 ± 0.30	3.00 ± 0.30	2.00 ± 0.20	4.53	13.07	2.88	37.66	0.21
	6.00 ± 0.30*	3.00 ± 0.30*	2.00 ± 0.20*					
T6.22x2.8x3.38	6.22 ± 0.30	2.80 ± 0.30	3.88 ± 0.20	2.33	12.77	5.48	70.01	0.42
	6.22 ± 0.30*	2.80 ± 0.30*	3.88 ± 0.20*					
T7x4x4	7.00 ± 0.30	4.00 ± 0.20	4.00 ± 0.20	2.81	16.41	5.85	95.92	0.55
	7.00 ± 0.30*	4.00 ± 0.20*	4.00 ± 0.20*					
T7.62x3.18x3.18	7.62 ± 0.15	3.18 ± 0.15	3.18 ± 0.15	2.26	14.98	6.63	99.29	0.58
	7.62 ± 0.15*	3.18 ± 0.15*	3.18 ± 0.15*					
T8x4x4	8.00 ± 0.30	4.00 ± 0.20	4.00 ± 0.30	2.27	17.42	7.69	133.92	0.77
	8.90max	3.20min	4.90max					
T8.85x5.25x2	8.85 ± 0.20	5.25 ± 0.20	2.00 ± 0.10	3.33	21.17	3.52	71.01	0.42
	9.65max	4.45min	2.70max					
T9x5x3	9.10 ± 0.30	5.10 ± 0.30	3.00 ± 0.30	3.56	20.77	5.83	121.12	0.68
	10.00max	4.20min	3.90max					
T10x5.5x5	10.10 ± 0.20	5.60 ± 0.20	5.00 ± 0.20	2.10	22.96	10.92	250.69	1.37
	10.90max	4.80min	5.80max					
T10x6x3.1	10.10 ± 0.30	6.10 ± 0.30	3.10 ± 0.30	3.97	24.07	6.07	146.04	0.80
	11.00max	5.20min	4.00max					
T10x6x4	10.10 ± 0.30	6.10 ± 0.30	4.00 ± 0.30	3.08	24.07	7.83	188.44	1.03
	11.00max	5.20min	4.90max					
T12.5x7.5x5	12.50 ± 0.30	7.50 ± 0.30	5.00 ± 0.30	2.46	30.09	12.23	368.05	2.05
	13.40max	6.60min	5.90max					
T12.7x7.14x6.35	12.70 ± 0.40	7.14 ± 0.30	6.35 ± 0.30	1.72	29.51	17.17	506.72	2.83
	13.70max	6.24min	7.25max					
T12.7x7.92x4.7	12.70 ± 0.40	7.92 ± 0.30	4.70 ± 0.30	2.83	31.22	11.03	344.21	1.71
	13.70max	7.02min	5.60max					
T12.85x7.35x5	12.85 ± 0.40	7.35 ± 0.30	5.00 ± 0.30	2.25	30.14	13.40	403.78	2.27
	13.85max	6.45min	5.90max					
T13x7x3	13.00 ± 0.30	7.00 ± 0.30	3.00 ± 0.30	3.38	29.50	8.72	257.24	1.47
	13.90max	6.10min	3.90max					
T14x8x7	14.00 ± 0.40	8.00 ± 0.30	7.00 ± 0.30	1.60	32.82	20.46	671.46	3.45
	15.00max	7.10min	7.90max					
T14x9x7	14.00 ± 0.40	9.00 ± 0.30	7.00 ± 0.30	2.03	34.98	17.22	602.27	3.22
	15.00max	8.10min	7.90max					
T14.48x8.51x5.51	14.48 ± 0.25	8.51 ± 0.25	5.51 ± 0.13	2.14	34.45	16.07	553.61	3.08
	15.48max	7.51min	6.51max					
T16x9x5	16.00 ± 0.40	9.50 ± 0.40	5.00 ± 0.30	2.18	37.18	17.03	633.06	3.50
	17.00max	8.50min	5.90max					
T16x10x10	16.00 ± 0.30	10.00 ± 0.30	10.00 ± 0.30	1.34	39.37	29.45	1159.14	6.37
	16.90max	9.10min	10.10max					
T16x12x7	16.00 ± 0.30	12.00 ± 0.30	7.00 ± 0.30	3.12	43.38	13.90	603.17	3.04
	16.90max	11.10min	7.90max					
T16.25x7.9x14.3	16.25 ± 0.40	7.90 ± 0.40	14.30 ± 0.30	0.61	34.84	57.18	1991.89	11.54
	17.25max	6.90min	15.20max					

Remark: *Parylene Coating dimensions.

■ ELECTRICAL CHARACTERISTICS

CORES	AL $\pm 25\%$ (nH/N ²)								
	L2	K081	K10	K12	K15	K20	B30	B45	B60
T5x3x2		160	200						
T5.38x2.97x2.79		255	320	385			95	145	190
T5.84x3.05x1.52			95						
T6x3x2		210		330	410		80	120	160
T6.22x2.8x3.38		410	540		800				
T7x4x4					654				
T7.62x3.18x3.18		420							
T8x4x4		426	533		800			240	
T8.85x5.25x2		160					62		
T9x5x3		270	340	405	530			150	200
T10x5.5x5		458	573	688			172	258	344
T10x6x3.1			310		465				
T10x6x4		315			600				
T12.5x7.5x5		400	500	600					
T12.7x7.14x6.35		580	710		1000	1460			
T12.7x7.92x4.7		348	440	530	666				
T12.85x7.35x5		440	559		830				
T13x7x3		300	370						220
T14x8x7		611	763	916		1560		350	
T14x9x7		487							
T14.48x8.51x5.51		468							
T16x9x5		405	510					250	
T16x10x10		750	940		1400				
T16x12x7		320	400		600				
T16.25x7.9x14.3		1583	1978	2374			593	890	1187

Remark:

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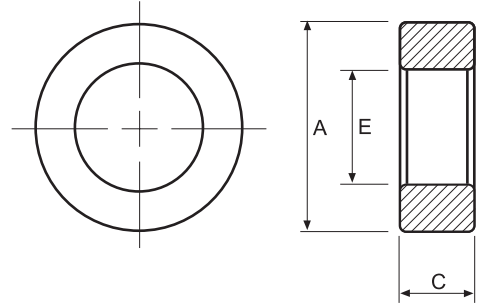
Type : T Cores

Ordering Code:

Shape:

K081	T18*12*6	C	G□
Material 材質	Core Size 品名	Coating 塗裝	Gapped AL Value

C : Epoxy Coating of Halogen-Free HUC : Epoxy Coating of UL & Halogen-Free
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■ DIMENSIONS AND EFFECTIVE PARAMETERS

CORES	DIMENSIONS (mm)			EFFECTIVE PARAMETERS				
	EPOXY COATING DIMENSIONS (mm)			Ci(mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
	A	E	C					
T18x10x6	18.00 ± 0.30	10.00 ± 0.30	6.00 ± 0.30	1.78	41.53	23.32	968.48	5.49
	18.90max	9.10min	6.90max					
T18x12x6	18.00 ± 0.30	11.90 ± 0.20	6.00 ± 0.20	2.58	45.86	17.76	814.21	4.38
	18.90max	11.10min	6.80max					
T19x11x5	19.00 ± 0.30	11.00 ± 0.30	5.00 ± 0.30	2.30	44.86	19.51	875.22	4.91
	19.90max	10.10min	5.90max					
T20x10x7	20.00 ± 0.40	10.00 ± 0.40	7.00 ± 0.30	1.29	43.55	33.63	1464.72	8.25
	21.00max	9.00min	7.90max					
T20x10x10	20.00 ± 0.40	10.00 ± 0.40	10.00 ± 0.30	0.91	43.55	48.05	2092.46	12.02
	21.00max	9.00min	10.90max					
T20x12x8	20.00 ± 0.40	12.00 ± 0.40	8.00 ± 0.30	1.54	48.12	31.31	1506.64	8.36
	21.00max	11.00min	8.90max					
T22x14x12.7	22.00 ± 0.40	14.00 ± 0.40	12.70 ± 0.30	1.39	52.29	37.70	1971.31	15.13
	23.00max	13.00min	13.60max					
T22.1x13.72x6.35	22.10 ± 0.40	13.72 ± 0.40	6.35 ± 0.30	2.08	54.19	26.11	1414.81	7.47
	23.10max	12.72min	7.25max					
T23x14x7	23.00 ± 0.40	14.00 ± 0.40	7.00 ± 0.30	1.81	55.80	30.86	1722.01	9.05
	24.00max	13.00min	7.90max					
T24x11x14	24.00 ± 0.50	11.00 ± 0.40	14.00 ± 0.50	0.65	47.91	73.99	3544.62	25.50
	25.10max	10.00min	15.10max					
T24x18x10	24.00 ± 0.40	18.00 ± 0.40	10.00 ± 0.30	2.18	65.07	29.79	1938.76	9.94
	25.00max	17.00min	10.90max					
T25x15x13	25.00 ± 0.40	15.00 ± 0.40	13.00 ± 0.30	0.95	60.18	63.60	3827.75	21.00
	26.00max	14.00min	13.90max					
T28x16x13	28.00 ± 0.50	16.00 ± 0.40	13.00 ± 0.30	0.86	65.64	76.00	4988.00	27.91
	29.10max	15.00min	14.00max					
T29x19x13.8	29.00 ± 0.50	19.00 ± 0.35	13.80 ± 0.30	1.08	73.20	67.98	4976.02	27.73
	30.10max	18.05min	14.70max					
T31x19x16	31.00 ± 0.50	19.00 ± 0.50	16.00 ± 0.40	0.80	75.49	94.11	7103.86	38.43
	32.10max	17.90min	17.00max					
T36x23x15	36.00 ± 0.60	23.45 ± 0.50	15.00 ± 0.40	0.93	89.65	95.89	8595.89	46.06
	37.20max	22.35min	16.00max					
T37x22x15	37.00 ± 0.60	22.00 ± 0.50	15.00 ± 0.40	0.81	88.63	110.00	9749.34	53.15
	38.20max	20.90min	16.00max					
T38x19x13	38.10 ± 0.60	19.05 ± 0.60	13.00 ± 0.30	0.70	82.75	118.67	9819.89	56.37
	39.30max	17.85min	13.90max					
T47x27x15	47.00 ± 0.80	27.00 ± 0.60	15.00 ± 0.40	0.76	110.49	146.22	16156.02	83.89
	48.40max	25.80min	16.00max					
T48x30x15	48.00 ± 0.80	30.00 ± 0.80	15.00 ± 0.40	0.89	118.12	132.54	15655.62	86.01
	49.40max	28.60min	16.00max					
T49.1x33.8x15.9	49.10 ± 1.00	33.80 ± 1.00	15.90 ± 0.40	1.06	127.24	120.23	15298.45	80.83
	50.70max	32.20min	16.90max					
T63x38x26	62.80 ± 1.60	37.60 ± 1.20	26.00 ± 0.60	0.48	152.09	318.17	48389.39	262.82
	65.00max	35.80min	27.20max					

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N ²)								
	L2	K081	K10	K12	K15	K20	B30	B45	B60
T18x10x6		560							
T18x12x6		380	480		720				
T19x11x5		430							
T20x10x7		746	970						
T20x10x10		1100	1380		2050				
T20x12x8		650							
T22x14x12.7		900	1690						
T22.1x13.72x6.35		480	600		900				
T23x14x7		550	680						408
T24x11x14		1664	2081	2497			624	963	1248
T24x18x10		450	570					257	
T25x15x13		1040	1320						
T28x16x13		1164	1455		2180				
T29x19x13.8		920	1150						
T31x19x16		1230							
T36x23x15		1057			1920				
T37x22x15		1250			2288				
T38x19x13		1387							
T47x27x15		1297	1660		2500				
T48x30x15		1100							
T49.1x33.8x15.9			1180		1800				
T63x38x26		1980							

Remark:

1. AL Value Testing Condition : 100kHz, 100mV, 1Ts. If testing condition is different from ACME's, please specify upon request & ordering.

2. Coating Material

(1) Toroid Size T8 and Below: clear parylene coating, breakdown voltage: 1000Vdc, coating thickness : 0.05mm max.

(2) Toroid Size T9 and Above: green epoxy coating, breakdown voltage: 1500Vdc, coating thickness : 0.6mm max.

3. Customized dimensions are available.