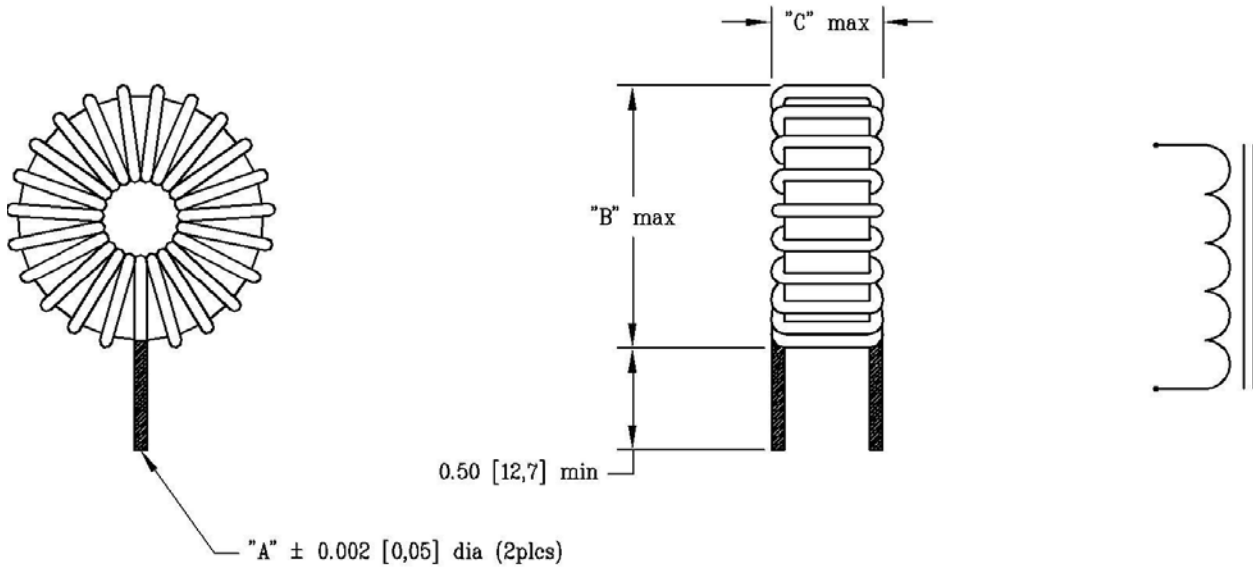


TCXX-XXX

Self leaded toroidal inductor

- Low cost
- Toroidal geometry for self-shielding
- Temperature class, 130 °C
- Inductance test level, 10kHz @ 100mV
- “T” max rating reference for < 40 °C temperature rise
- Leads tinned to seating plane
- Core material, powdered iron
- RoHS compliant per 2002/95/EC



P/N	“B” “ [mm]	“C” “ [mm]
TC05-XXX	0.70 [17,8]	0.35 [8,9]
TC07-XXX	0.88 [22,4]	0.37 [9,4]
TC08-XXX	1.05 [26,7]	0.45 [11,4]
TC09-XXX	1.18 [30,0]	0.58 [14,7]
TC11-XXX	1.38 [35,1]	0.65 [16,5]
TC13-XXX	1.63 [41,4]	0.70 [17,8]
TC16-XXX	1.95 [49,5]	0.87 [22,1]

TC05-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-005	4.8	2.6	6	11.0	0.051 [1,30]
-007	6.5	3.6	8	9.2	0.045 [1,14]
-008	8.4	4.8	10	7.7	0.040 [1,02]
-012	11.9	6.8	15	6.4	0.036 [0,91]
-016	16.0	9.3	21	5.4	0.032 [0,81]
-021	20.6	12.3	28	4.5	0.028 [0,71]
-026	25.9	15.8	39	3.8	0.025 [0,64]
-036	35.9	22.1	55	3.2	0.023 [0,58]

TC07-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-011	11.1	5.9	8	11.0	0.051 [1,30]
-014	14.1	7.8	11	9.2	0.045 [1,14]
-019	19.2	10.7	15	7.7	0.040 [1,02]
-025	25.1	14.4	21	6.4	0.036 [0,91]
-034	34.1	19.8	30	5.4	0.032 [0,81]
-045	44.5	26.4	41	4.5	0.028 [0,71]
-056	56.4	34.2	57	3.8	0.025 [0,64]
-070	69.6	43.5	77	3.2	0.023 [0,58]

TC08-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-018	18.4	8.6	9	13.1	0.057 [1,45]
-024	24.3	11.7	13	11.0	0.051 [1,30]
-034	33.5	16.3	18	9.2	0.045 [1,14]
-041	41.4	21.2	24	7.7	0.040 [1,02]
-056	56.4	29.4	35	6.4	0.036 [0,91]
-070	70.0	37.9	46	5.4	0.032 [0,81]
-093	93.2	51.6	64	4.5	0.028 [0,71]

TC09-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-028	28.0	12.5	10	15.8	0.064 [1,63]
-037	37.0	17.2	13	13.1	0.057 [1,45]
-047	47.3	22.8	18	11.0	0.051 [1,30]
-063	63.0	31.1	25	9.2	0.045 [1,14]
-081	80.9	41.4	35	7.7	0.040 [1,02]
-107	106.5	56.1	49	6.4	0.036 [0,91]
-136	135.5	73.6	68	5.4	0.032 [0,81]

TC11-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-041	41.0	19.8	10	15.8	0.064 [1,63]
-054	53.6	26.8	13	13.1	0.057 [1,45]
-068	67.8	35.2	19	11.0	0.051 [1,30]
-089	89.4	47.6	27	9.2	0.045 [1,14]
-121	120.5	65.3	44	7.7	0.040 [1,02]
-149	148.8	84.3	60	6.4	0.036 [0,91]
-197	196.8	113.2	84	5.4	0.032 [0,81]

TC13-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-043	42.8	17.5	7	22.3	0.081 [2,06]
-059	59.0	24.4	12	18.7	0.072 [1,83]
-078	77.8	33.0	17	15.8	0.064 [1,63]
-099	99.2	44.4	23	13.1	0.057 [1,45]
-130	129.6	59.7	32	11.0	0.051 [1,30]
-164	164.0	79.0	44	9.2	0.045 [1,14]
-211	210.7	105.0	62	7.7	0.040 [1,02]

TC16-XXX Dash #	“L” ± 10% (uH)	“L” min @ “I” max (uH)	“DCR” max (mΩ)	“I” max (Amps)	“A” dia " [mm]
-068	67.6	26.0	9	26.7	0.091 [2,31]
-090	90.0	35.8	13	22.3	0.081 [2,06]
-116	115.6	48.1	18	18.7	0.072 [1,83]
-152	152.1	65.0	25	15.8	0.064 [1,63]
-194	193.6	87.3	35	13.1	0.057 [1,45]
-250	250.0	117.0	49	11.0	0.051 [1,30]