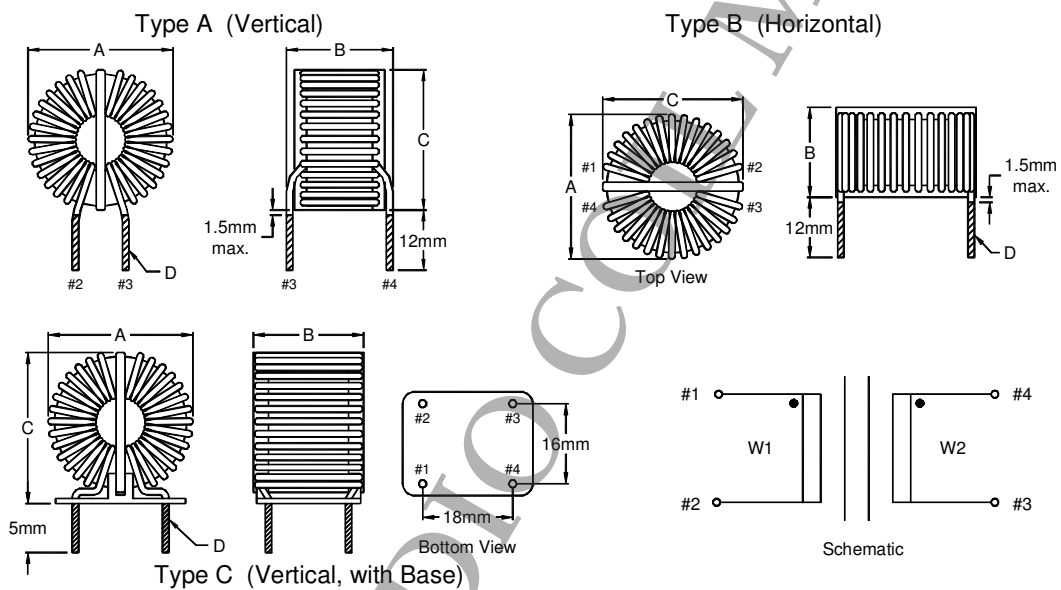


TL54 Series

- Horizontal & Vertical Type
- Core enclosed with plastic case.
- Six different standard case sizes
- Operation temperature range -40°C to $+125^{\circ}\text{C}$
- Dielectric Strength – 2400Vrms
- Custom-made inductors are available upon request.



Note: Type C is not available for TL54-1, TL54-2 & TL54-3 series.

Part Number	Inductance (mH, $\pm 30\%$) #1 - #2, #4 - #3	DC Resistance ($m\Omega$, max.) #1 - #2, #4 - #3	Irms (A)	Dimension (nominal value, in mm)				Type	Weight (g) approx.
				A	B	C	D		
TL54-1A-001	1.28	160	0.5	14.0	12.4	7.8	$\phi 0.31$	A	2
TL54-1A-002	0.99	110	0.8	14.0	12.4	7.8	$\phi 0.35$	A	2
TL54-1A-003	0.46	65	1.0	14.0	12.4	7.8	$\phi 0.40$	A	2
TL54-1A-004	0.204	30	1.5	14.0	12.4	7.8	$\phi 0.50$	A	2
TL54-1A-005	0.073	18	2.0	14.0	12.4	7.8	$\phi 0.55$	A	2
TL54-1B-001	1.28	160	0.5	14.0	12.4	7.8	$\phi 0.31$	B	2
TL54-1B-002	0.99	110	0.8	14.0	12.4	7.8	$\phi 0.35$	B	2
TL54-1B-003	0.46	65	1.0	14.0	12.4	7.8	$\phi 0.40$	B	2
TL54-1B-004	0.204	30	1.5	14.0	12.4	7.8	$\phi 0.50$	B	2
TL54-1B-005	0.073	18	2.0	14.0	12.4	7.8	$\phi 0.55$	B	2
TL54-2A-001	1.35	120	1.0	16.0	12.5	14.5	$\phi 0.37$	A	4
TL54-2A-002	1.05	90	1.0	16.0	12.5	14.5	$\phi 0.40$	A	4
TL54-2A-003	0.93	70	1.5	16.0	12.5	14.5	$\phi 0.45$	A	4
TL54-2A-004	0.80	50	1.5	16.0	12.5	14.5	$\phi 0.50$	A	4
TL54-2A-005	0.34	25	2.0	16.0	12.5	14.5	$\phi 0.60$	A	4
TL54-2B-001	1.35	120	1.0	16.0	12.5	14.5	$\phi 0.37$	B	4
TL54-2B-002	1.05	90	1.0	16.0	12.5	14.5	$\phi 0.40$	B	4
TL54-2B-003	0.93	70	1.5	16.0	12.5	14.5	$\phi 0.45$	B	4
TL54-2B-004	0.80	50	1.5	16.0	12.5	14.5	$\phi 0.50$	B	4
TL54-2B-005	0.34	25	2.0	16.0	12.5	14.5	$\phi 0.60$	B	4

Part Number	Inductance (mH, $\pm 30\%$) #1 - #2, #4 - #3	DC Resistance (m Ω , max.) #1 - #2, #4 - #3	Irms (A)	Dimension (nominal value, in mm)				Type	Weight (g) approx.
				A	B	C	D		
TL54-3A-001	5.3	290	1.0	20.0	16.0	20.0	$\phi 0.40$	A	10
TL54-3A-002	4.4	210	1.5	20.0	16.0	20.0	$\phi 0.45$	A	10
TL54-3A-003	3.8	165	1.5	20.0	16.0	20.0	$\phi 0.50$	A	10
TL54-3A-004	2.6	90	2.0	20.0	16.0	20.0	$\phi 0.60$	A	10
TL54-3A-005	1.9	60	3.0	20.0	16.0	20.0	$\phi 0.70$	A	10
TL54-3B-001	5.3	290	1.0	20.0	16.0	20.0	$\phi 0.40$	B	10
TL54-3B-002	4.4	210	1.5	20.0	16.0	20.0	$\phi 0.45$	B	10
TL54-3B-003	3.8	165	1.5	20.0	16.0	20.0	$\phi 0.50$	B	10
TL54-3B-004	2.6	90	2.0	20.0	16.0	20.0	$\phi 0.60$	B	10
TL54-3B-005	1.9	60	3.0	20.0	16.0	20.0	$\phi 0.70$	B	10
TL54-4A-001	10.8	115	3.0	30.0	22.0	29.0	$\phi 0.7$	A	40
TL54-4A-002	7.4	60	4.0	30.0	22.0	29.0	$\phi 0.9$	A	40
TL54-4A-003	4.7	40	5.0	31.0	22.0	29.0	$\phi 1.0$	A	40
TL54-4A-004	2.5	20	10	32.0	22.0	29.0	$\phi 1.2$	A	40
TL54-4A-005	0.7	10	12	32.0	22.0	29.0	$\phi 1.4$	A	40
TL54-4B-001	10.8	115	3.0	30.0	22.0	29.0	$\phi 0.7$	B	40
TL54-4B-002	7.4	60	4.0	30.0	22.0	29.0	$\phi 0.9$	B	40
TL54-4B-003	4.7	40	5.0	31.0	22.0	29.0	$\phi 1.0$	B	40
TL54-4B-004	2.5	20	10	32.0	22.0	29.0	$\phi 1.2$	B	40
TL54-4B-005	0.7	10	12	32.0	22.0	29.0	$\phi 1.4$	B	40
TL54-4C-001	10.8	115	3.0	30.0	22.0	31.0	$\phi 0.7$	C	50
TL54-4C-002	7.4	60	4.0	30.0	22.0	31.0	$\phi 0.9$	C	50
TL54-4C-003	4.7	40	5.0	31.0	22.0	31.0	$\phi 1.0$	C	50
TL54-4C-004	2.5	20	10	32.0	22.0	31.0	$\phi 1.2$	C	50
TL54-4C-005	0.7	10	12	32.0	22.0	31.0	$\phi 1.4$	C	50
TL54-5A-001	11.5	100	4.0	36.0	23.0	35.5	$\phi 0.8$	A	55
TL54-5A-002	8.0	55	5.0	36.0	23.0	35.5	$\phi 1.0$	A	55
TL54-5A-003	6.0	35	10	37.0	23.0	35.5	$\phi 1.2$	A	55
TL54-5A-004	2.9	18	12	38.0	23.0	35.5	$\phi 1.4$	A	55
TL54-5A-005	1.1	10	16	38.0	23.0	35.5	$\phi 1.6$	A	55
TL54-5B-001	11.5	100	4.0	36.0	23.0	35.5	$\phi 0.8$	B	55
TL54-5B-002	8.0	55	5.0	36.0	23.0	35.5	$\phi 1.0$	B	55
TL54-5B-003	6.0	35	10	37.0	23.0	35.5	$\phi 1.2$	B	55
TL54-5B-004	2.9	18	12	38.0	23.0	35.5	$\phi 1.4$	B	55
TL54-5B-005	1.1	10	16	38.0	23.0	35.5	$\phi 1.6$	B	55
TL54-5C-001	11.5	100	4.0	36.0	23.0	38.0	$\phi 0.8$	C	65
TL54-5C-002	8.0	55	5.0	36.0	23.0	38.0	$\phi 1.0$	C	65
TL54-5C-003	6.0	35	10	37.0	23.0	38.0	$\phi 1.2$	C	65
TL54-5C-004	2.9	18	12	38.0	23.0	38.0	$\phi 1.4$	C	65
TL54-5C-005	1.1	10	16	38.0	23.0	38.0	$\phi 1.6$	C	65
TL54-6A-001	5.8	35	10	44.5	22.5	42.5	$\phi 1.2$	A	80
TL54-6A-002	3.0	20	12	45.0	23.0	42.5	$\phi 1.4$	A	80
TL54-6A-003	1.34	10	16	46.0	23.5	42.5	$\phi 1.6$	A	80
TL54-6A-004	0.60	6	20	46.0	24.0	42.5	$\phi 1.8$	A	80
TL54-6A-005	0.46	3	25	49.0	25.0	42.5	$\phi 2.0$	A	80
TL54-6B-001	1.82	20	10	44.5	22.5	42.5	$\phi 1.2$	B	80
TL54-6B-002	1.13	12	12	45.0	23.0	42.5	$\phi 1.4$	B	80
TL54-6B-003	0.93	8	16	46.0	23.5	42.5	$\phi 1.6$	B	80
TL54-6B-004	0.60	6	20	46.0	24.0	42.5	$\phi 1.8$	B	80
TL54-6B-005	0.46	3	25	49.0	25.0	42.5	$\phi 2.0$	B	80
TL54-6C-001	5.8	35	10	44.5	22.5	42.5	$\phi 1.2$	C	90
TL54-6C-002	3.0	20	12	45.0	23.0	42.5	$\phi 1.4$	C	90
TL54-6C-003	1.34	10	16	46.0	23.5	42.5	$\phi 1.6$	C	90
TL54-6C-004	0.60	6	20	46.0	24.0	42.5	$\phi 1.8$	C	90
TL54-6C-005	0.46	3	25	49.0	25.0	42.5	$\phi 2.0$	C	90