

THAI LIN RADIO

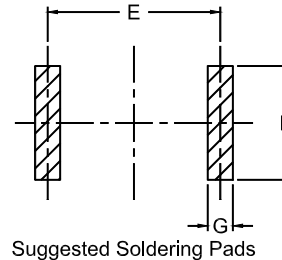
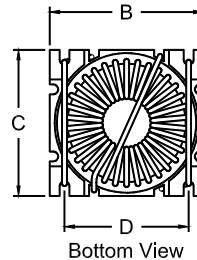
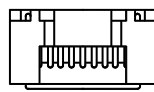
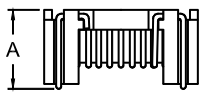
since 1975

Индуктивность SMT на
кольцевом сердечнике
SMT POWER INDUCTOR



TL93 Series

- High performance low loss powder iron core is excellent for high frequency applications
- Low profile, designed for machine placement
- Operation temperature range -40°C to +130°C
- Custom-made inductors are available upon request.



Bottom View

Suggested Soldering Pads

Product Series	Dimension (mm)							Weight (g)
	A	B	C	D	E	F	G	
TL93-1	7.5	8.4	8.6	6.5	6.5	8.5	2.0	0.8
TL93-2	8.5	11.0	11.0	8.8	8.8	11.0	2.5	1.8
TL93-3	8.0	14.0	14.0	11.4	11.4	14.0	3.0	3.2
TL93-4	9.5	15.6	14.8	12.8	12.8	14.8	3.0	4.2
TL93-6	11.5	20.0	17.0	17.0	17.0	17.0	3.0	7
TL93-7	11.0	23.5	23.5	20.5	20.5	18.0	3.0	10
Tolerance	max.	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	approx.

Part Number	Operating Values		Control Values		
	Inductance (μH) Load DC	Current (Arms, DC)	Inductance (μH) w/o DC	DC Resistance (mΩ, max.)	DC Resistance (mΩ, nominal)
TL93-1-001	12.6	1.0	16.8	122.0	94.0
TL93-1-002	9.2	1.3	12.7	86.0	66.0
TL93-1-003	3.2	1.8	3.94	38.0	29.0
TL93-1-004	1.9	2.5	2.52	22.5	17.3
TL93-1-005	1.1	3.2	1.42	15.2	11.7
TL93-2-001	21.0	1.1	28.2	150.0	116.0
TL93-2-002	14.7	1.7	20.7	83.0	64.0
TL93-2-003	8.5	2.3	13.2	53.0	41.0
TL93-2-004	2.7	4.0	3.89	19.5	15.0
TL93-2-005	1.7	5.0	2.3	11.6	8.9
TL93-3-001	60.0	1.2	87.0	218.0	168.0
TL93-3-002	27.5	2.1	45.8	105.0	81.0
TL93-3-003	10.0	3.3	16.3	43.0	33.0
TL93-3-004	5.8	4.5	9.38	24.0	18.5
TL93-3-005	3.5	6.5	5.85	15.0	11.5
TL93-4-001	70.0	1.8	109.0	135.0	104.0
TL93-4-002	35.0	2.8	56.0	77.0	59.0
TL93-4-003	13.2	3.8	18.5	33.0	25.0
TL93-4-004	8.8	5.4	14.0	22.0	16.6
TL93-4-005	5.6	7.2	8.96	14.5	11.0
TL93-6-001	93.0	2.1	152.0	190.0	146.0
TL93-6-002	46.0	3.2	82.5	96.0	74.0
TL93-6-003	19.7	4.5	31.7	44.0	34.0
TL93-6-004	10.2	6.8	19.0	24.5	18.8
TL93-6-005	7.3	10.0	13.2	16.7	12.8
TL93-7-001	152.0	2.5	256.0	200.0	154.0
TL93-7-002	64.0	4.0	108.0	80.0	61.0
TL93-7-003	20.0	6.2	36.0	33.0	25.0
TL93-7-004	16.0	7.5	25.0	22.0	16.4
TL93-7-005	10.0	10.0	19.4	16.7	12.8