



Dimensions in mm

Notes for LC74S shielded power inductor:

Operating temperature range: - 40°C ~ + 105°C.

Inductance tolerance: M = ± 20% over the entire inductance range.

Magnetically shielded construction.

Isat: Inductance drop = 35% typical.

Applied current shall result in an inductance drop of less than 10% of initial value.

Manufactured to RoHS compliance.

Part number	Inductance [μH, ± 20%]	Test Frequency @ 1.0V	DC Resistance Ohms Max.	Rated Current DC Amps Max.
LC74S-1R5M	1.5	1 KHz	0.020	5.0
LC74S-1R8M	1.8	1 KHz	0.025	4.0
LC74S-2R2M	2.2	1 KHz	0.025	3.5
LC74S-2R7M	2.7	1 KHz	0.030	3.5
LC74S-3R3M	3.3	1 KHz	0.035	3.5
LC74S-4R7M	4.7	1 KHz	0.035	3.0
LC74S-6R8M	6.8	1 KHz	0.045	2.5
LC74S-100M	10	1 KHz	0.049	1.84
LC74S-120M	12	1 KHz	0.058	1.71
LC74S-150M	15	1 KHz	0.081	1.47
LC74S-180M	18	1 KHz	0.091	1.31
LC74S-220M	22	1 KHz	0.11	1.23
LC74S-270M	27	1 KHz	0.15	1.12
LC74S-330M	33	1 KHz	0.17	0.96
LC74S-390M	39	1 KHz	0.23	0.91
LC74S-470M	47	1 KHz	0.26	0.88
LC74S-560M	56	1 KHz	0.35	0.75
LC74S-680M	68	1 KHz	0.38	0.69
LC74S-820M	82	1 KHz	0.43	0.61
LC74S-101M	100	1 KHz	0.61	0.60
LC74S-121M	120	1 KHz	0.66	0.52
LC74S-151M	150	1 KHz	0.88	0.46
LC74S-181M	180	1 KHz	0.98	0.42
LC74S-221M	220	1 KHz	1.17	0.36
LC74S-271M	270	1 KHz	1.64	0.34
LC74S-331M	330	1 KHz	1.86	0.32
LC74S-391M	390	1 KHz	2.85	0.29
LC74S-471M	470	1 KHz	3.01	0.26
LC74S-561M	560	1 KHz	3.62	0.23
LC74S-681M	680	1 KHz	4.63	0.22
LC74S-821M	820	1 KHz	5.20	0.20
LC74S-102M	1000	1 KHz	6.00	0.18