



Dimensions in mm

Notes for LC124S shielded power inductor:

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

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

Isat: Inductance drop = 35% typical.

Magnetically shielded construction.

Manufactured to RoHS compliance.

Part number	Inductance [μ H, \pm 20%]	Test Frequency @ 1.0V	DC Resistance Ohms Max.	Rated Current DC Amps Max.
LC124S-3R3M	3.3	100 KHz	0.015	6.5
LC124S-3R9M	3.9	100 KHz	0.015	6.5
LC124S-4R7M	4.7	100 KHz	0.018	5.7
LC124S-6R8M	6.8	100 KHz	0.023	4.9
LC124S-100M	10	100 KHz	0.028	4.5
LC124S-120M	12	100 KHz	0.038	4.0
LC124S-150M	15	100 KHz	0.050	3.2
LC124S-180M	18	100 KHz	0.057	3.1
LC124S-220M	22	100 KHz	0.066	2.9
LC124S-270M	27	100 KHz	0.080	2.8
LC124S-330M	33	100 KHz	0.097	2.7
LC124S-390M	39	100 KHz	0.132	2.1
LC124S-470M	47	100 KHz	0.150	1.9
LC124S-560M	56	100 KHz	0.190	1.8
LC124S-680M	68	100 KHz	0.220	1.5
LC124S-820M	82	100 KHz	0.260	1.3
LC124S-101M	100	100 KHz	0.308	1.2
LC124S-121M	120	100 KHz	0.380	1.1
LC124S-151M	150	100 KHz	0.530	0.95
LC124S-181M	180	100 KHz	0.620	0.85
LC124S-221M	220	100 KHz	0.700	0.80
LC124S-271M	270	100 KHz	0.876	0.60
LC124S-331M	330	100 KHz	0.990	0.50