



Dimensions in mm

Notes for LC125S 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 [μH, ± 20%]	Test Frequency @ 1.0V	DC Resistance Ohms Max.	Rated Current DC Amps Max.
LC125S-3R3M	3.3	1 KHz	0.015	8.0
LC125S-4R7M	4.7	1 KHz	0.018	7.6
LC125S-6R4M	6.4	1 KHz	0.018	5.8
LC125S-8R2M	8.2	1 KHz	0.025	5.0
LC125S-100M	10	1 KHz	0.025	4.0
LC125S-120M	12	1 KHz	0.027	3.5
LC125S-150M	15	1 KHz	0.030	3.3
LC125S-180M	18	1 KHz	0.034	3.0
LC125S-220M	22	1 KHz	0.036	2.8
LC125S-270M	27	1 KHz	0.051	2.3
LC125S-330M	33	1 KHz	0.057	2.1
LC125S-390M	39	1 KHz	0.068	2.0
LC125S-470M	47	1 KHz	0.075	1.8
LC125S-560M	56	1 KHz	0.11	1.7
LC125S-680M	68	1 KHz	0.12	1.5
LC125S-820M	82	1 KHz	0.14	1.4
LC125S-101M	100	1 KHz	0.16	1.3
LC125S-121M	120	1 KHz	0.17	1.1
LC125S-151M	150	1 KHz	0.23	1.0
LC125S-181M	180	1 KHz	0.29	0.90
LC125S-221M	220	1 KHz	0.40	0.80
LC125S-271M	270	1 KHz	0.46	0.75
LC125S-331M	330	1 KHz	0.51	0.68
LC125S-391M	390	1 KHz	0.69	0.65
LC125S-471M	470	1 KHz	0.77	0.58
LC125S-561M	560	1 KHz	0.86	0.54
LC125S-681M	680	1 KHz	1.20	0.48
LC125S-821M	820	1 KHz	1.34	0.43
LC125S-102M	1000	1 KHz	1.53	0.40