



Dimensions in mm

Notes for LC73S 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.
LC73S-1R5M	1.5	1 KHz	0.03	4.0
LC73S-2R2M	2.2	1 KHz	0.03	4.0
LC73S-3R3M	3.3	1 KHz	0.04	3.7
LC73S-6R8M	6.8	1 KHz	0.06	2.0
LC73S-100M	10	1 KHz	0.072	1.68
LC73S-120M	12	1 KHz	0.098	1.52
LC73S-150M	15	1 KHz	0.13	1.33
LC73S-180M	18	1 KHz	0.14	1.20
LC73S-220M	22	1 KHz	0.19	1.07
LC73S-270M	27	1 KHz	0.21	0.96
LC73S-330M	33	1 KHz	0.24	0.91
LC73S-390M	39	1 KHz	0.32	0.77
LC73S-470M	47	1 KHz	0.36	0.76
LC73S-560M	56	1 KHz	0.47	0.68
LC73S-680M	68	1 KHz	0.52	0.61
LC73S-820M	82	1 KHz	0.69	0.57
LC73S-101M	100	1 KHz	0.79	0.50
LC73S-121M	120	1 KHz	0.89	0.49
LC73S-151M	150	1 KHz	1.27	0.43
LC73S-181M	180	1 KHz	1.45	0.39
LC73S-221M	220	1 KHz	1.65	0.35
LC73S-271M	270	1 KHz	2.31	0.32
LC73S-331M	330	1 KHz	2.62	0.28
LC73S-391M	390	1 KHz	2.94	0.26
LC73S-471M	470	1 KHz	4.18	0.24
LC73S-561M	560	1 KHz	4.67	0.22
LC73S-681M	680	1 KHz	5.73	0.19
LC73S-821M	820	1 KHz	6.54	0.18
LC73S-102M	1000	1 KHz	9.44	0.16