



Dimensions in mm.

Notes for LC62S shielded inductor:

Operating Temperature Range: - 40°C ~ + 105°C.

Magnetically-shielded construction.

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

Isat: Inductance drop = 35% typical.

Manufactured to RoHS compliance.

Part number	Inductance [$\mu\text{H} \pm 20\%$]	Test Frequency @ 1.0V	DC Resistance Ohms Max	Rated Current DC Amps Max
LC62S-3R3M	3.3	7.96 MHz	0.068	1.94
LC62S-4R7M	4.7	7.96 MHz	0.080	1.63
LC62S-5R5M	5.5	7.96 MHz	0.096	1.40
LC62S-6R8M	6.8	7.96 MHz	0.10	1.33
LC62S-8R2M	8.2	7.96 MHz	0.10	1.14
LC62S-100M	10	2.52 MHz	0.15	1.10
LC62S-120M	12	2.52 MHz	0.20	1.00
LC62S-150M	15	2.52 MHz	0.23	0.90
LC62S-180M	18	2.52 MHz	0.27	0.80
LC62S-220M	22	2.52 MHz	0.34	0.74
LC62S-270M	27	2.52 MHz	0.38	0.66
LC62S-330M	33	2.52 MHz	0.45	0.59
LC62S-390M	39	2.52 MHz	0.49	0.54
LC62S-470M	47	2.52 MHz	0.69	0.50
LC62S-560M	56	2.52 MHz	0.78	0.46
LC62S-680M	68	2.52 MHz	1.07	0.42
LC62S-820M	82	2.52 MHz	1.21	0.38
LC62S-101M	100	1.0 KHz	1.39	0.34
LC62S-121M	120	1.0 KHz	1.90	0.31
LC62S-151M	150	1.0 KHz	2.18	0.28
LC62S-181M	180	1.0 KHz	2.77	0.26
LC62S-221M	220	1.0 KHz	3.12	0.23
LC62S-271M	270	1.0 KHz	4.38	0.22
LC62S-331M	330	1.0 KHz	4.94	0.19