



Dimensions in mm

Notes for LC68S shielded inductor:

Rated Current: Indicates the current when the inductance decreases to 65% of its nominal value or DC current when the temperature rise, $\Delta T = 40^\circ\text{C}$, whichever is lower.

Inductance Tolerance: $T = \pm 30\%$ over the entire inductance range.

Operating Temperature Range: $-30^\circ\text{C} \sim +100^\circ\text{C}$.

Magnetically-shielded construction.

Manufactured to RoHS compliance.

Part number	Inductance [$\mu\text{H} \pm 30\%$]	Test Frequency @ 1.0V	DC Resistance Ohms Max	Rated Current DC Amps Max
LC68S-3R3T	3.3	10 KHz	0.020	3.50
LC68S-5R0T	5.0	10 KHz	0.024	2.90
LC68S-6R2T	6.2	10 KHz	0.027	2.50
LC68S-7R4T	7.4	10 KHz	0.031	2.30
LC68S-8R7T	8.7	10 KHz	0.034	2.20
LC68S-100T	10	10 KHz	0.038	2.00
LC68S-120T	12	10 KHz	0.053	1.70
LC68S-150T	15	10 KHz	0.057	1.60
LC68S-180T	18	10 KHz	0.092	1.50
LC68S-220T	22	10 KHz	0.096	1.30
LC68S-270T	27	10 KHz	0.109	1.20
LC68S-330T	33	10 KHz	0.124	1.10
LC68S-390T	39	10 KHz	0.138	1.00
LC68S-470T	47	10 KHz	0.150	0.95
LC68S-560T	56	10 KHz	0.202	0.85
LC68S-680T	68	10 KHz	0.234	0.75
LC68S-820T	82	10 KHz	0.324	0.70
LC68S-101T	100	10 KHz	0.358	0.65