



Dimensions in mm

Notes for LC67S 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.

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

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

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
LC67S-3R0T	3.0	10 KHz	0.024	3.00
LC67S-3R9T	3.9	10 KHz	0.027	2.60
LC67S-5R0T	5.0	10 KHz	0.031	2.40
LC67S-6R0T	6.0	10 KHz	0.035	2.25
LC67S-7R3T	7.3	10 KHz	0.054	2.10
LC67S-8R6T	8.6	10 KHz	0.058	1.85
LC67S-100T	10	10 KHz	0.065	1.70
LC67S-120T	12	10 KHz	0.070	1.55
LC67S-150T	15	10 KHz	0.084	1.40
LC67S-180T	18	10 KHz	0.095	1.32
LC67S-220T	22	10 KHz	0.128	1.20
LC67S-270T	27	10 KHz	0.142	1.05
LC67S-330T	33	10 KHz	0.165	0.97
LC67S-390T	39	10 KHz	0.210	0.86
LC67S-470T	47	10 KHz	0.238	0.80
LC67S-560T	56	10 KHz	0.277	0.73
LC67S-680T	68	10 KHz	0.304	0.65
LC67S-820T	82	10 KHz	0.390	0.60
LC67S-101T	100	10 KHz	0.535	0.54