



Dimensions in mm

Notes for LC57S 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
LC57S-4R1T	4.1	10 KHz	0.057	1.95
LC57S-5R4T	5.4	10 KHz	0.076	1.60
LC57S-6R2T	6.2	10 KHz	0.096	1.40
LC57S-8R9T	8.9	10 KHz	0.116	1.25
LC57S-100T	10	10 KHz	0.124	1.20
LC57S-120T	12	10 KHz	0.153	1.10
LC57S-150T	15	10 KHz	0.196	0.97
LC57S-180T	18	10 KHz	0.210	0.85
LC57S-220T	22	10 KHz	0.290	0.80
LC57S-270T	27	10 KHz	0.330	0.75
LC57S-330T	33	10 KHz	0.386	0.65
LC57S-390T	39	10 KHz	0.520	0.57
LC57S-470T	47	10 KHz	0.595	0.54
LC57S-560T	56	10 KHz	0.665	0.50
LC57S-680T	68	10 KHz	0.840	0.43
LC57S-820T	82	10 KHz	0.978	0.41
LC57S-101T	100	10 KHz	1.200	0.36