



Dimensions in mm

Notes for SSL3321 shielded power inductor:

Inductance tolerance: $M = \pm 20\%$ over the entire inductance range.

Flammability rating: UL 94 V-0.

Operating temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.

Packaging: Tape and reel only.

Test instruments: HP4294 Impedance / Material Analyzer.

Inductance tested at $0.1 V_{\text{rms}}$, 100 KHz.

Isat: Inductance drop = 10% typical.

$\Delta T = 40^{\circ}\text{C}$ rise typical at I_{rms} .

Magnetically shielded construction.

Manufactured to RoHS compliance.

Part Number	Inductance [μH , $\pm 20\%$]	Q Min	Q Frequency [KHz]	DC Resistance Max [Ω]	Isat [A]	I _{rms} [A]	SRF Typical [MHz]
SSL3321-1R0M	1.0	3	100	0.021	5.6	5.0	110
SSL3321-1R5M	1.5	5	100	0.022	5.2	4.5	90
SSL3321-2R2M	2.2	5	100	0.032	5.0	3.8	60
SSL3321-3R3M	3.3	5	100	0.039	3.9	3.3	55
SSL3321-4R7M	4.7	10	100	0.054	3.2	2.7	30
SSL3321-6R8M	6.8	10	100	0.075	2.8	2.2	30
SSL3321-100M	10	10	100	0.101	2.4	2.0	28
SSL3321-150M	15	15	100	0.150	2.0	1.5	20
SSL3321-220M	22	20	100	0.207	1.6	1.3	15
SSL3321-330M	33	20	100	0.334	1.4	1.1	12
SSL3321-470M	47	20	100	0.472	1.0	0.8	10