

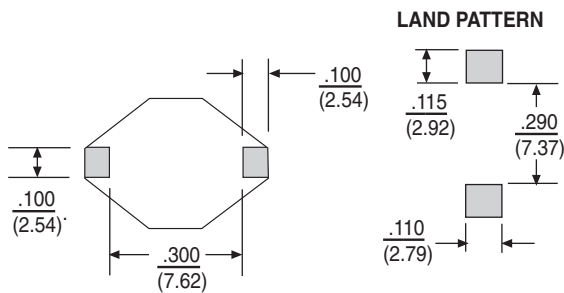
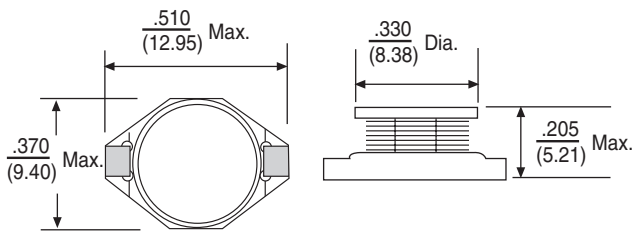


RL-3316

SMD POWER INDUCTORS



The RL-3316 Series offers surface mount power inductors in an extremely small flat top package. They have a footprint of .370" x .510" and are low cost with high energy storage. Available in 19 values with inductance ratings from 1.0μH to 1.0mH and currents up to 6.8 Amps.



TAPE AND REEL PACKAGING
 Pieces per Reel 500
 Plastic Reel Size 13"

ALL DIMENSIONS IN INCHES (mm)

PART NUMBER	Inductance ¹ (μH ± 20%)	SRF Typ. (MHz)	DCR max. (Ohms)	DC SAT ² (Amps)	Rated Current ³ (Amps)
RL-3316-1.0	1.0	100	.009	9.0	6.8
RL-3316-1.5	1.5	90	.010	8.0	6.4
RL-3316-2.2	2.2	80	.012	7.0	6.1
RL-3316-3.3	3.3	65	.015	6.4	5.4
RL-3316-4.7	4.7	45	.018	5.4	4.8
RL-3316-6.8	6.8	38	.027	4.6	4.4
RL-3316-10	10	30	.038	3.8	3.9
RL-3316-15	15	27	.046	3.0	3.1
RL-3316-22	22	19	.085	2.6	2.7
RL-3316-33	33	15	.10	2.0	2.1
RL-3316-47	47	12	.14	1.6	1.8
RL-3316-68	68	10	.20	1.4	1.5
RL-3316-100	100	9	.28	1.2	1.3
RL-3316-150	150	6	.40	1.0	1.0
RL-3316-220	220	5	.61	.8	.8
RL-3316-330	330	4.5	1.02	.6	.6
RL-3316-470	470	3.5	1.27	.5	.5
RL-3316-680	680	2.5	2.02	.4	.4
RL-3316-1000	1000	2.0	3.00	.3	.3

1. Tested at 100 kHz, 0.1 Vrms.
2. Inductance drop = 10% typ.
3. ΔT = 40°C rise max.

Operating temperature range -40°C to +85°C.
 Storage temperature range -40°C to +105°C.
 Resistance to solder heat 260°C, 10 secs.



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