

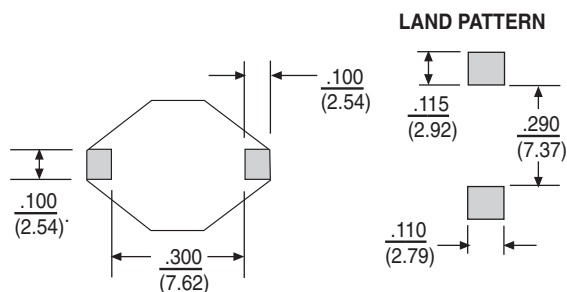
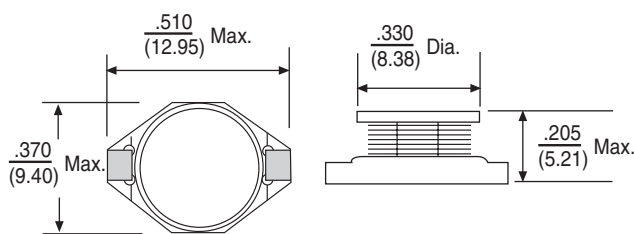


RL-3316

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 1.0 μ H 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 (μ H $\pm$ 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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