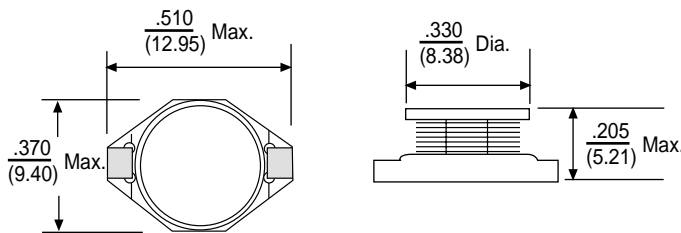


RL-3316

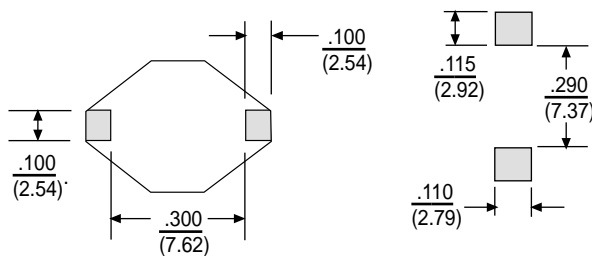
SMT POWER INDUCTORS



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. Designed to withstand solder flow, reflow and wave soldering applications. Available in 19 values with inductance ratings from 1.0μH to 1.0mH and currents up to 6.8 Amps



LAND PATTERN



Packaged 1,000 parts per reel.

ALL DIMENSIONS IN INCHES (mm)

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

1. Tested at 100 kHz, 0.1 Vrms.

2. Inductance drop = 10% typ.

3. ΔT = 15°C rise typ.

Operating temperature range -40°C to +85°C.



SINCE 1955

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