



RL-1160

MINI-INDUCTORS

HIGH "Q" HORIZONTAL FLAT COILS



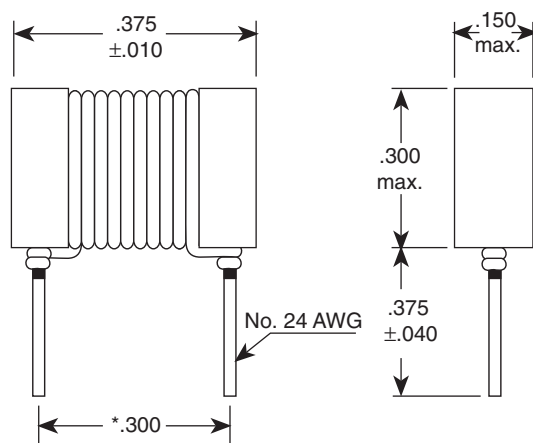
The RL-1160 is an economical inductor with a unique flat coil configuration that makes it ideally suited for use in high density printed circuit board assemblies. Twice the inductance and Q values are obtainable with the flat coil configuration than is possible with axial lead inductors occupying the same space. The flat coils have a wide range of inductance and high Q values so they can effectively be used at radio as well as audio frequencies.

SPECIFICATIONS:

Operating ambient temperature: -55°C to +130°C

Weight: 1 gram maximum

Tolerance: $\pm 10\%$ all values 10 μ H to 4700 μ H
 $\pm 20\%$ all values under 10 μ H



*Easily Formable To

ALL DIMENSIONS IN INCHES



RENCO ELECTRONICS, INC.

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RL-1160				
Renco Part No.	Inductance μ H @ 1 kHz	Max. RDC (Ohms)	Saturation Current DC Amps	Suggested Current Rating Amps
RL-1160-1.0	1.0	.010	7.0	2.25
RL-1160-1.2	1.2	.012	6.0	1.78
RL-1160-1.5	1.5	.014	5.0	1.42
RL-1160-1.8	1.8	.020	4.8	1.12
RL-1160-2.2	2.2	.025	4.4	.88
RL-1160-2.7	2.7	.028	4.0	.88
RL-1160-3.3	3.3	.036	3.7	.70
RL-1160-3.9	3.9	.050	3.4	.55
RL-1160-4.7	4.7	.053	3.2	.55
RL-1160-5.6	5.6	.092	2.8	.35
RL-1160-6.8	6.8	.113	2.6	.35
RL-1160-8.2	8.2	.116	2.2	.35
RL-1160-10	10	.120	2.1	.35
RL-1160-12	12	.140	2.0	.35
RL-1160-15	15	.158	1.6	.35
RL-1160-18	18	.180	1.5	.35
RL-1160-22	22	.230	1.4	.28
RL-1160-27	27	.265	1.3	.28
RL-1160-33	33	.346	1.2	.22
RL-1160-39	39	.371	1.1	.22
RL-1160-47	47	.502	1.03	.175
RL-1160-56	56	.687	.95	.136
RL-1160-68	68	.888	.90	.108
RL-1160-82	82	1.196	.85	.087
RL-1160-100	100	1.495	.80	.087
RL-1160-120	120	1.725	.65	.087
RL-1160-150	150	1.955	.60	.087
RL-1160-180	180	2.070	.56	.087
RL-1160-220	220	2.185	.49	.087
RL-1160-270	270	2.530	.45	.087
RL-1160-330	330	3.335	.41	.070
RL-1160-390	390	3.450	.39	.070
RL-1160-470	470	5.290	.35	.056
RL-1160-560	560	5.405	.32	.056
RL-1160-680	680	5.930	.29	.056
RL-1160-820	820	6.325	.27	.056
RL-1160-1000	1000	7.130	.25	.056
RL-1160-1200	1200	10.005	.21	.042
RL-1160-1500	1500	14.260	.19	.033
RL-1160-1800	1800	15.765	.17	.033
RL-1160-2200	2200	17.595	.15	.033
RL-1160-2700	2700	19.320	.14	.033
RL-1160-3300	3300	21.735	.13	.033
RL-1160-3900	3900	26.000	.12	.027
RL-1160-4700	4700	29.900	.11	.027

NOTES:

1. $\pm 10\%$ Standard Tolerance. Values Below 10μ H are $\pm 20\%$.
2. Saturation Current Lowers Inductance 5%.
3. Nonstandard Values Available Upon Request.
4. Encapsulaton Available.
5. Height Dimension Shown Without Solder Joint or Coatings.



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