

L10-xxxx QTR-Pak™

High Reliability, SMT Dual Inductors/1:1 Transformers


RoHS
COMPLIANT

BH Part Number	Parallel				Series			
	Loc (uH) @0ADC	Typical Loc (uH) Biased ²	Max Current (Ade) ³	Parallel DCR (Ohms) ¹	Loc (uH) @0ADC	Typical Loc (uH) Biased ²	Max Current (Ade) ³	Series DCR (Ohms) ¹
L10-1004 ⁷	1.36	1.1	11.87	0.004	5.4	4.3	5.94	0.015
L10-1005	1.85	1.5	10.17	0.004	7.4	5.9	5.09	0.018
L10-1006	2.41	1.9	8.90	0.005	9.7	7.7	4.45	0.020
L10-1007	3.05	2.4	7.91	0.007	12.2	9.8	3.96	0.029
L10-1008	3.77	3.0	7.12	0.010	15.1	12.1	3.56	0.040
L10-1009	4.56	3.6	6.47	0.011	18.2	14.6	3.24	0.045
L10-1010	5.43	4.3	5.94	0.012	21.7	17.4	2.97	0.049
L10-1011	6.37	5.1	5.48	0.013	25.5	20.4	2.74	0.053
L10-1012	7.39	5.9	5.09	0.018	29.6	23.6	2.54	0.072
L01-0726	8.48	6.8	4.75	0.019	33.9	27.1	2.37	0.077
L10-1016	12.21	9.8	3.96	0.023	48.9	39.1	1.98	0.092
L10-1017	13.61	10.9	3.75	0.024	54.4	43.6	1.87	0.097
L10-1018	15.08	12.1	3.56	0.041	60.3	48.3	1.78	0.163
L10-1019	18.25	14.6	3.24	0.045	73.0	58.4	1.62	0.180
L10-1020	21.72	17.4	2.97	0.049	86.9	69.5	1.48	0.196
L10-1021	25.49	20.4	2.74	0.066	101.9	81.6	1.37	0.264
L10-1022	29.56	23.6	2.54	0.071	118.2	94.6	1.27	0.284
L10-1023	33.93	27.1	2.37	0.076	135.7	108.6	1.19	0.304
L10-1024	38.60	30.9	2.23	0.104	154.4	123.5	1.11	0.415
L10-1025	43.58	34.9	2.09	0.110	174.3	139.5	1.05	0.441
L10-1026	48.86	39.1	1.98	0.117	195.4	156.3	0.99	0.467
L10-1027	54.44	43.6	1.87	0.155	217.8	174.2	0.94	0.622
L10-1028	60.32	48.3	1.78	0.164	241.3	193.0	0.89	0.654
L10-1029	66.50	53.2	1.70	0.172	266.0	212.8	0.85	0.687
L10-1032	86.86	69.5	1.48	0.243	347.4	278.0	0.74	0.972
L10-1037	126.82	101.5	1.23	0.373	507.3	405.8	0.61	1.491
L10-1038	135.72	108.6	1.19	0.386	542.9	434.3	0.59	1.543
L10-1042	174.32	139.5	1.05	0.437	697.3	557.8	0.52	1.748
L10-1043	184.73	147.8	1.02	0.450	738.9	591.1	0.51	1.800
L10-1044	200.90	160.7	0.98	0.596	803.6	642.9	0.49	2.384
L10-1047	247.35	197.9	0.88	0.661	989.4	791.5	0.44	2.645
L10-1048	272.38	217.9	0.84	0.694	1089.5	871.6	0.42	2.776

1. Parallel DCR = DCR per winding / 2. Series DCR = DCR per winding x 2.

2. Inductance measured at 25° C.

3. Max. current measured at 25° C, 20% inductance roll-off. Above 85° C operating temp., max. current is reduced.

4. Plots of Inductance vs. Current available for all above parts. Contact BH.

5. Reflow: 30 Seconds @ 260° C maximum.

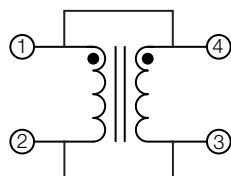
6. T&R available: 400 per 13" reel, 1,200 minimum release. Smaller quantities shipped in JEDEC trays.

7. **Highlighted part numbers are standard products. Others are available as non-standard parts with longer lead times.**

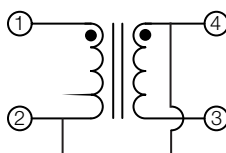
8. RoHS parts designated with "L" (e.g., L10-1007). The same part as non-RoHS designated with "5" (e.g., 510-1007).

9. Both RoHS and non-RoHS pins have matte Sn over Ni barrier over brass. Solder is SAC or Sn63/Pb37, respectively.

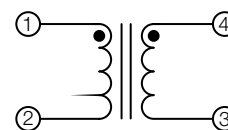
10. Above parts available with Sn90/Pb10 plated pins on a "custom" part basis. Contact BH for details.



Parallel



Series



Transformer