

RL-5480

"MINI-DRUM" INDUCTORS

DESCRIPTION

- Mini-Drum Inductors

ENVIRONMENTAL DATA

- Storage temperature range: -55°C to +130°C
- Operating temperature range: -40°C to +130°C

PACKAGING INFORMATION

- Packaging information: pg. 510

FEATURES & APPLICATIONS

- 259 standard values from which to choose. Inductances range from 3.9µH to 270,000µH
- Current capabilities up to 4 A, and a saturation current as high as 14.2 A
- High saturation materials make these coils ideal for use in switching regulated power supply applications
- Small size and staggered lead length make them easy for PCB insertion
- Available in Ammo pack for auto insertion
- Typical applications include: power supplies and EMI suppression

Verify operation with sample in actual circuit. Order samples at www.rencousa.com.

MECHANICAL DIMENSIONS

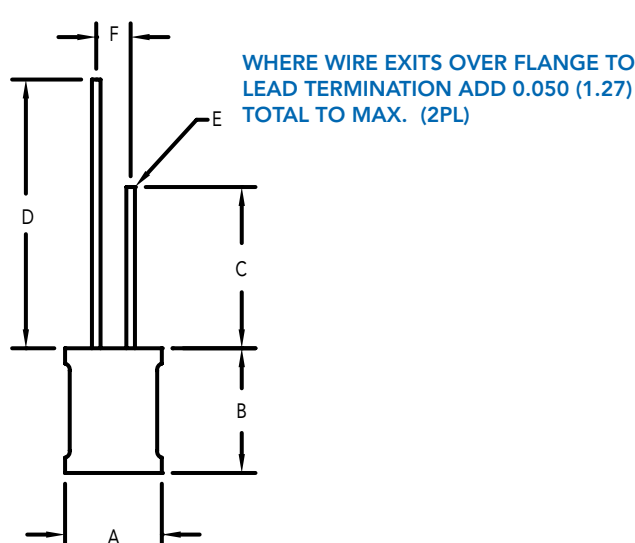
U.S. Standard (mm)

PART NUMBER	A (MAX.)	B (MAX.)	C (MIN.)	D (MIN.)	E (TYP.)	F *
RL-5480-1	0.225 (5.715)	0.290 (7.366)	0.335 (8.500)	0.590 (15.000)	0.020 (0.508)	0.080 (2.032)
RL-5480-2	0.310 (7.870)	0.365 (9.271)	0.335 (8.500)	0.590 (15.000)	0.025 (0.635)	0.118 (3.00)
RL-5480-3	0.375 (9.525)	0.450 (11.430)	0.335 (8.500)	0.590 (15.000)	0.032 (0.813)	0.197 (5.00)
RL-5480-4	0.480 (12.200)	0.710 (18.034)	0.335 (8.500)	0.590 (15.000)	0.032 (0.813)	0.290 (7.366)
RL-5480-5	0.625 (15.875)	0.700 (17.780)	0.335 (8.500)	0.590 (15.000)	0.040 (1.016)	0.300 (7.620)

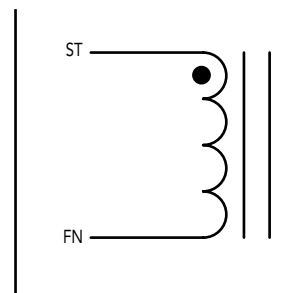
* LEADS EASILY FORMABLE TO F DIMENSIONS

PART NUMBER	PART WEIGHT
RL-5480-1	0.50g (0.018oz)
RL-5480-2	0.75g (0.026oz)
RL-5480-3	3.0g (0.106oz)
RL-5480-4	7.0g (0.247oz)
RL-5480-5	12.0g (0.423oz)

FRONT VIEW



SCHEMATIC



RENCO ELECTRONICS INC.

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RL-5480-1

Renco Part No. RL-5480-1	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-1-3.9	3.9	0.030	1.50	0.800	43.000
RL-5480-1-4.7	4.7	0.034	1.35	0.800	31.000
RL-5480-1-5.6	5.6	0.036	1.25	0.800	27.000
RL-5480-1-6.8	6.8	0.040	1.15	0.800	26.000
RL-5480-1-8.2	8.2	0.054	1.00	0.620	26.000
RL-5480-1-10	10.0	0.060	0.920	0.620	21.000
RL-5480-1-12	12.0	0.072	0.840	0.620	19.000
RL-5480-1-15	15.0	0.078	0.770	0.620	17.000
RL-5480-1-18	18.0	0.108	0.720	0.490	16.000
RL-5480-1-22	22.0	0.144	0.660	0.385	12.000
RL-5480-1-27	27.0	0.168	0.600	0.300	12.000
RL-5480-1-33	33.0	0.200	0.540	0.300	11.000
RL-5480-1-39	39.0	0.220	0.470	0.300	9.000
RL-5480-1-47	47.0	0.240	0.430	0.300	9.000
RL-5480-1-56	56.0	0.265	0.390	0.300	9.000
RL-5480-1-68	68.0	0.380	0.360	0.250	6.000
RL-5480-1-82	82.0	0.445	0.330	0.250	6.000
RL-5480-1-100	100.0	0.590	0.300	0.190	5.000
RL-5480-1-120	120.0	0.640	0.270	0.190	4.000
RL-5480-1-150	150.0	0.730	0.245	0.190	4.000
RL-5480-1-180	180.0	0.850	0.220	0.190	4.000
RL-5480-1-220	220.0	1.200	0.190	0.150	3.000
RL-5480-1-270	270.0	1.320	0.180	0.150	3.000
RL-5480-1-330	330.0	1.750	0.165	0.120	3.000
RL-5480-1-390	390.0	1.950	0.150	0.120	2.000
RL-5480-1-470	470.0	2.000	0.140	0.120	2.000
RL-5480-1-560	560.0	2.900	0.125	0.095	2.000
RL-5480-1-680	680.0	3.100	0.110	0.095	2.000
RL-5480-1-820	820.0	4.300	0.100	0.076	2.000
RL-5480-1-1000	1000.0	5.500	0.092	0.060	1.000
RL-5480-1-1200	1200.0	6.300	0.082	0.060	1.000
RL-5480-1-1500	1500.0	7.200	0.75	0.060	1.000
RL-5480-1-1800	1800.0	9.600	0.68	0.046	1.000
RL-5480-1-2200	2200.0	11.500	0.062	0.046	1.000
RL-5480-1-2700	2700.0	13.000	0.054	0.046	1.000
RL-5480-1-3300	3300.0	17.000	0.049	0.036	1.000
RL-5480-1-3900	3900.0	19.000	0.045	0.036	1.000
RL-5480-1-4700	4700.0	24.000	0.043	0.030	0.866
RL-5480-1-5600	5600.0	29.000	0.040	0.030	0.781
RL-5480-1-6800	6800.0	42.000	0.037	0.024	0.774

NOTES:

1. INDUCTANCE \pm 10% TESTED AT 10 kHz, 0.1 Vrms
2. VALUES BELOW 10 μ H ARE \pm 20%
3. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
4. 5% TOLERANCE OPTIONAL ON VALUES 22 μ H AND ABOVE
5. Isat - DC CURRENT THAT WILL CAUSE INDUCTANCE TO DROP BY 5%
6. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C
7. PART FINISHED WITH 135°C POLYOLEFIN SLEEVING THAT MEETS UL-224 VW-1

RL-5480-1 TABLE CONTINUES ON FOLLOWING PAGE



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RL-5480-1, RL-5480-2

Renco Part No. RL-5480-1	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-1-8200	8200.0	60.0	0.035	0.018	0.663
RL-5480-1-10000	10000.0	70.0	0.034	0.018	0.663
RL-5480-1-12000	12000.0	75.0	0.033	0.018	0.663
RL-5480-1-15000	15000.0	110.0	0.031	0.015	0.490
RL-5480-1-18000	18000.0	125.0	0.029	0.015	0.479
RL-5480-1-22000	22000.0	135.0	0.018	0.015	0.479

Renco Part No. RL-5480-2	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-2-3.9	3.9	0.020	2.700	1.300	38.000
RL-5480-2-4.7	4.7	0.022	2.500	1.300	26.000
RL-5480-2-5.6	5.6	0.027	2.300	1.300	25.000
RL-5480-2-6.8	6.8	0.029	2.100	1.300	22.000
RL-5480-2-8.2	8.2	0.036	1.900	1.300	20.000
RL-5480-2-10	10.0	0.041	1.700	1.300	18.000
RL-5480-2-12	12.0	0.046	1.550	1.300	16.000
RL-5480-2-15	15.0	0.050	1.400	1.300	13.000
RL-5480-2-18	18.0	0.062	1.300	1.000	12.000
RL-5480-2-22	22.0	0.071	1.200	1.000	11.000
RL-5480-2-27	27.0	0.073	1.100	1.000	9.000
RL-5480-2-33	33.0	0.090	0.920	0.800	8.000
RL-5480-2-39	39.0	0.102	0.840	0.800	8.000
RL-5480-2-47	47.0	0.120	0.760	0.800	7.000
RL-5480-2-56	56.0	0.162	0.700	0.620	7.000
RL-5480-2-68	68.0	0.186	0.660	0.620	5.000
RL-5480-2-82	82.0	0.240	0.580	0.490	5.000
RL-5480-2-100	100.0	0.270	0.530	0.490	5.000
RL-5480-2-120	120.0	0.310	0.460	0.490	4.000
RL-5480-2-150	150.0	0.372	0.440	0.490	4.000
RL-5480-2-180	180.0	0.456	0.390	0.385	3.000
RL-5480-2-220	220.0	0.535	0.350	0.385	3.000
RL-5480-2-270	270.0	0.625	0.320	0.385	3.000
RL-5480-2-330	330.0	0.816	0.300	0.300	3.000
RL-5480-2-390	390.0	1.000	0.280	0.250	3.000
RL-5480-2-470	470.0	1.200	0.240	0.250	2.000
RL-5480-2-560	560.0	1.300	0.225	0.250	2.000
RL-5480-2-680	680.0	1.800	0.210	0.190	2.000
RL-5480-2-820	820.0	2.100	0.190	0.190	2.000
RL-5480-2-1000	1000.0	3.000	0.165	0.150	2.000
RL-5480-2-1200	1200.0	3.300	0.155	0.150	2.000

NOTES:

1. INDUCTANCE \pm 10% TESTED AT 10 kHz, 0.1 Vrms
2. VALUES BELOW 10 μ H ARE \pm 20%
3. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
4. 5% TOLERANCE OPTIONAL ON VALUES 22 μ H AND ABOVE
5. Isat - DC CURRENT THAT WILL CAUSE INDUCTANCE TO DROP BY 5%
6. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C
7. PART FINISHED WITH 135°C POLYOLEFIN SLEEVING THAT MEETS UL-224 VW-1

RL-5480-2 TABLE CONTINUES ON FOLLOWING PAGE



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RL-5480-2, RL-5480-3

Renco Part No. RL-5480-2	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-2-1500	1500.0	3.5	0.135	0.150	2.000
RL-5480-2-1800	1800.0	5.7	0.125	0.120	1.000
RL-5480-2-2200	2200.0	6.2	0.115	0.095	1.000
RL-5480-2-2700	2700.0	7.6	0.105	0.095	1.000
RL-5480-2-3300	3300.0	8.5	0.096	0.095	1.000
RL-5480-2-3900	3900.0	10.3	0.084	0.076	0.908
RL-5480-2-4700	4700.0	11.3	0.076	0.076	0.814
RL-5480-2-5600	5600.0	13.0	0.070	0.076	0.779
RL-5480-2-6800	6800.0	17.0	0.064	0.060	0.685
RL-5480-2-8200	8200.0	20.0	0.057	0.060	0.669
RL-5480-2-10000	10000.0	27.0	0.053	0.046	0.592
RL-5480-2-12000	12000.0	31.0	0.047	0.046	0.516
RL-5480-2-15000	15000.0	45.0	0.043	0.036	0.472
RL-5480-2-18000	18000.0	51.0	0.038	0.036	0.445
RL-5480-2-22000	22000.0	60.0	0.035	0.030	0.394
RL-5480-2-27000	27000.0	66.0	0.033	0.030	0.355
RL-5480-2-33000	33000.0	100.0	0.029	0.030	0.306

Renco Part No. RL-5480-3	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-3-3.9	3.9	0.022	6.8	1.600	45.000
RL-5480-3-4.7	4.7	0.024	6.2	1.600	41.000
RL-5480-3-5.6	5.6	0.025	5.6	1.600	29.000
RL-5480-3-6.8	6.8	0.028	5.1	1.600	25.000
RL-5480-3-8.2	8.2	0.030	4.6	1.600	19.000
RL-5480-3-10	10.0	0.034	4.2	1.600	16.000
RL-5480-3-12	12.0	0.038	3.8	1.600	13.000
RL-5480-3-15	15.0	0.043	3.3	1.600	13.000
RL-5480-3-18	18.0	0.049	3.1	1.600	9.000
RL-5480-3-22	22.0	0.054	2.7	1.600	9.000
RL-5480-3-27	27.0	0.059	2.5	1.600	8.000
RL-5480-3-33	33.0	0.066	2.3	1.600	7.000
RL-5480-3-39	39.0	0.078	2.2	1.600	7.000
RL-5480-3-47	47.0	0.102	1.9	1.300	6.000
RL-5480-3-56	56.0	0.138	1.6	1.000	5.000
RL-5480-3-68	68.0	0.168	1.45	1.000	5.000
RL-5480-3-82	82.0	0.174	1.3	1.000	4.000
RL-5480-3-100	100.0	0.180	1.2	1.000	4.000
RL-5480-3-120	120.0	0.234	1.1	0.800	3.000
RL-5480-3-150	150.0	0.276	1.0	0.800	3.000

NOTES:

1. INDUCTANCE \pm 10% TESTED AT 10 kHz, 0.1 Vrms
2. VALUES BELOW 10 μ H ARE \pm 20%
3. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
4. 5% TOLERANCE OPTIONAL ON VALUES 22 μ H AND ABOVE
5. Isat - DC CURRENT THAT WILL CAUSE INDUCTANCE TO DROP BY 5%
6. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C
7. PART FINISHED WITH 135°C POLYOLEFIN SLEEVING THAT MEETS UL-224 VW-1

RL-5480-3 TABLE CONTINUES ON FOLLOWING PAGE



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RL-5480-3

Renco Part No. RL-5480-3	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-3-180	180.0	0.300	0.920	0.800	4.000
RL-5480-3-220	220.0	0.353	0.860	0.800	3.000
RL-5480-3-270	270.0	0.500	0.760	0.620	3.000
RL-5480-3-330	330.0	0.635	0.700	0.490	2.000
RL-5480-3-390	390.0	0.720	0.650	0.490	2.000
RL-5480-3-470	470.0	0.816	0.600	0.490	2.000
RL-5480-3-560	560.0	1.030	0.540	0.385	2.000
RL-5480-3-680	680.0	1.200	0.510	0.385	2.000
RL-5480-3-820	820.0	1.540	0.450	0.300	2.000
RL-5480-3-1000	1000.0	2.160	0.390	0.246	1.000
RL-5480-3-1200	1200.0	2.400	0.360	0.246	1.000
RL-5480-3-1500	1500.0	2.760	0.340	0.246	1.000
RL-5480-3-1800	1800.0	3.600	0.300	0.190	0.998
RL-5480-3-2200	2200.0	4.000	0.245	0.190	0.901
RL-5480-3-2700	2700.0	6.000	0.238	0.150	0.855
RL-5480-3-3300	3300.0	6.720	0.225	0.150	0.800
RL-5480-3-3900	3900.0	8.800	0.200	0.120	0.629
RL-5480-3-4700	4700.0	11.000	0.185	0.095	0.565
RL-5480-3-5600	5600.0	13.200	0.170	0.095	0.552
RL-5480-3-6800	6800.0	14.500	0.150	0.095	0.530
RL-5480-3-8200	8200.0	16.550	0.140	0.095	0.521
RL-5480-3-10000	10000.0	20.400	0.130	0.076	0.516
RL-5480-3-12000	12000.0	24.000	0.120	0.076	0.423
RL-5480-3-15000	15000.0	27.600	0.100	0.076	0.369
RL-5480-3-18000	18000.0	37.200	0.096	0.060	0.305
RL-5480-3-22000	22000.0	42.000	0.088	0.060	0.285
RL-5480-3-27000	27000.0	58.800	0.082	0.046	0.281
RL-5480-3-33000	33000.0	64.800	0.074	0.046	0.242
RL-5480-3-39000	39000.0	72.000	0.064	0.046	0.225
RL-5480-3-47000	47000.0	94.200	0.046	0.036	0.205
RL-5480-3-56000	56000.0	105.000	0.043	0.036	0.190
RL-5480-3-68000	68000.0	115.000	0.040	0.036	0.151

NOTES:

1. INDUCTANCE \pm 10% TESTED AT 10 kHz, 0.1 Vrms
2. VALUES BELOW 10 μ H ARE \pm 20%
3. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
4. 5% TOLERANCE OPTIONAL ON VALUES 22 μ H AND ABOVE
5. Isat - DC CURRENT THAT WILL CAUSE INDUCTANCE TO DROP BY 5%
6. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C
7. PART FINISHED WITH 135°C POLYOLEFIN SLEEVING THAT MEETS UL-224 VW-1



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RL-5480-4

Renco Part No. RL-5480-4	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-4-3.9	3.9	0.016	14.200	2.600	37.000
RL-5480-4-4.7	4.7	0.018	13.000	2.600	34.000
RL-5480-4-5.6	5.6	0.021	11.000	2.600	30.000
RL-5480-4-6.8	6.8	0.023	10.000	2.600	27.000
RL-5480-4-8.2	8.2	0.026	9.500	2.600	25.000
RL-5480-4-10	10.0	0.031	8.800	2.600	21.000
RL-5480-4-12	12.0	0.036	7.900	2.600	15.000
RL-5480-4-15	15.0	0.040	7.400	2.600	11.000
RL-5480-4-18	18.0	0.041	7.100	2.600	10.000
RL-5480-4-22	22.0	0.043	6.100	2.600	8.000
RL-5480-4-27	27.0	0.046	5.500	2.600	6.000
RL-5480-4-33	33.0	0.051	5.200	2.600	5.000
RL-5480-4-39	39.0	0.054	4.100	2.600	5.000
RL-5480-4-47	47.0	0.063	4.500	2.600	5.000
RL-5480-4-56	56.0	0.075	3.800	2.600	4.000
RL-5480-4-68	68.0	0.078	3.500	2.600	3.000
RL-5480-4-82	82.0	0.088	3.100	2.600	3.000
RL-5480-4-100	100.0	0.108	2.800	2.000	3.000
RL-5480-4-120	120.0	0.127	2.600	2.000	3.000
RL-5480-4-150	150.0	0.162	2.400	1.600	3.000
RL-5480-4-180	180.0	0.228	2.100	1.300	3.000
RL-5480-4-220	220.0	0.252	1.900	1.300	2.000
RL-5480-4-270	270.0	0.270	1.750	1.300	2.000
RL-5480-4-330	330.0	0.394	1.620	1.000	2.000
RL-5480-4-390	390.0	0.416	1.400	1.000	2.000
RL-5480-4-470	470.0	0.568	1.300	0.800	2.000
RL-5480-4-560	560.0	0.650	1.200	0.800	1.000
RL-5480-4-680	680.0	0.740	1.100	0.800	1.000
RL-5480-4-820	820.0	1.000	0.960	0.620	1.000
RL-5480-4-1000	1000.0	1.200	0.880	0.490	1.000
RL-5480-4-1200	1200.0	1.500	0.800	0.490	0.854
RL-5480-4-1500	1500.0	1.700	0.720	0.490	0.815
RL-5480-4-1800	1800.0	1.800	0.660	0.385	0.658
RL-5480-4-2200	2200.0	2.400	0.600	0.385	0.629
RL-5480-4-2700	2700.0	2.800	0.540	0.385	0.557
RL-5480-4-3300	3300.0	3.700	0.480	0.300	0.545
RL-5480-4-3900	3900.0	5.000	0.420	0.250	0.415
RL-5480-4-4700	4700.0	5.600	0.400	0.250	0.406
RL-5480-4-5600	5600.0	6.300	0.370	0.250	0.404
RL-5480-4-6800	6800.0	8.400	0.340	0.190	0.361
RL-5480-4-8200	8200.0	9.600	0.310	0.190	0.344

NOTES:

1. INDUCTANCE \pm 10% TESTED AT 10 kHz, 0.1 Vrms
2. VALUES BELOW 10 μ H ARE \pm 20%
3. ELECTRICAL SPECIFICATIONS MEASURED AT 25°C
4. 5% TOLERANCE OPTIONAL ON VALUES 22 μ H AND ABOVE
5. Isat - DC CURRENT THAT WILL CAUSE INDUCTANCE TO DROP BY 5%
6. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C
7. PART FINISHED WITH 135°C POLYOLEFIN SLEEVING THAT MEETS UL-224 VW-1

RL-5480-4 TABLE CONTINUES ON FOLLOWING PAGE



RENCO ELECTRONICS INC.



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RL-5480-4, RL-5480-5

Renco Part No. RL-5480-4	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-4-10000	10000.0	10.5	0.285	0.190	0.277
RL-5480-4-12000	12000.0	14.5	0.245	0.150	0.282
RL-5480-4-15000	15000.0	20.5	0.225	0.120	0.243
RL-5480-4-18000	18000.0	27.5	0.185	0.095	0.233
RL-5480-4-22000	22000.0	31.0	0.170	0.095	0.179
RL-5480-4-27000	27000.0	35.5	0.155	0.095	0.170
RL-5480-4-33000	33000.0	40.0	0.145	0.095	0.166
RL-5480-4-39000	39000.0	51.0	0.135	0.095	0.162
RL-5480-4-47000	47000.0	56.0	0.130	0.095	0.141
RL-5480-4-56000	56000.0	77.0	0.120	0.060	0.110
RL-5480-4-68000	68000.0	84.0	0.110	0.060	0.098
RL-5480-4-82000	82000.0	115.0	0.074	0.046	0.096
RL-5480-4-100000	100000.0	130.0	0.068	0.046	0.090

Renco Part No. RL-5480-5	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-5-3.9	3.9	0.009	9.700	4.000	42.000
RL-5480-5-4.7	4.7	0.010	8.500	4.000	34.000
RL-5480-5-5.6	5.6	0.011	7.600	4.000	30.000
RL-5480-5-6.8	6.8	0.012	7.200	4.000	26.000
RL-5480-5-8.2	8.2	0.013	6.600	4.000	23.000
RL-5480-5-10	10.0	0.015	5.900	4.000	20.000
RL-5480-5-12	12.0	0.016	5.500	4.000	17.000
RL-5480-5-15	15.0	0.017	5.000	4.000	12.000
RL-5480-5-18	18.0	0.019	4.600	4.000	9.000
RL-5480-5-22	22.0	0.021	4.100	4.000	8.000
RL-5480-5-27	27.0	0.023	3.700	4.000	7.000
RL-5480-5-33	33.0	0.027	3.300	4.000	7.000
RL-5480-5-39	39.0	0.029	3.000	4.000	6.000
RL-5480-5-47	47.0	0.031	2.700	4.000	6.000
RL-5480-5-56	56.0	0.035	2.500	4.000	6.000
RL-5480-5-68	68.0	0.041	2.400	4.000	4.000
RL-5480-5-82	82.0	0.052	2.300	4.000	4.000
RL-5480-5-100	100.0	0.056	2.100	4.000	3.000
RL-5480-5-120	120.0	0.060	1.900	3.300	3.000
RL-5480-5-150	150.0	0.100	1.600	3.300	3.000
RL-5480-5-180	180.0	0.111	1.450	3.300	3.000
RL-5480-5-220	220.0	0.147	1.300	2.600	2.000
RL-5480-5-270	270.0	0.175	1.200	2.600	2.000
RL-5480-5-330	330.0	0.192	1.100	2.000	2.000
RL-5480-5-390	390.0	0.210	1.000	2.000	2.000

NOTES:

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4. 5% TOLERANCE OPTIONAL ON VALUES 22 μ H AND ABOVE
5. Isat - DC CURRENT THAT WILL CAUSE INDUCTANCE TO DROP BY 5%
6. Irms - CURRENT THAT CAUSES THE TEMPERATURE TO RISE APPROX. 40°C ABOVE AMBIENT OF 25°C
7. PART FINISHED WITH 135°C POLYOLEFIN SLEEVING THAT MEETS UL-224 VW-1

RL-5480-5 TABLE CONTINUES ON FOLLOWING PAGE



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RL-5480-5

Renco Part No. RL-5480-5	Inductance (μ H)	DCR Max. (Ohms)	Isat (A)	Irms (A)	SRF (MHz) (Typ)
RL-5480-5-470	470.0	0.240	0.900	2.000	2.000
RL-5480-5-560	560.0	0.315	0.840	1.600	2.000
RL-5480-5-680	680.0	0.360	0.780	1.600	1.000
RL-5480-5-820	820.0	0.460	0.640	1.300	1.000
RL-5480-5-1000	1000.0	0.540	0.575	1.300	1.000
RL-5480-5-1200	1200.0	0.660	0.560	1.300	1.000
RL-5480-5-1500	1500.0	0.780	0.520	1.000	1.000
RL-5480-5-1800	1800.0	0.900	0.480	1.000	0.848
RL-5480-5-2200	2200.0	1.200	0.440	0.800	0.764
RL-5480-5-2700	2700.0	1.320	0.400	0.800	0.717
RL-5480-5-3300	3300.0	1.800	0.360	0.620	0.641
RL-5480-5-3900	3900.0	2.100	0.330	0.620	0.652
RL-5480-5-4700	4700.0	2.700	0.300	0.490	0.588
RL-5480-5-5600	5600.0	3.150	0.280	0.490	0.530
RL-5480-5-6800	6800.0	3.600	0.240	0.490	0.495
RL-5480-5-8200	8200.0	4.300	0.215	0.385	0.395
RL-5480-5-10000	10000.0	5.150	0.195	0.385	0.339
RL-5480-5-12000	12000.0	5.850	0.180	0.385	0.331
RL-5480-5-15000	15000.0	8.300	0.165	0.300	0.323
RL-5480-5-18000	18000.0	10.200	0.145	0.250	0.263
RL-5480-5-22000	22000.0	11.700	0.135	0.250	0.245
RL-5480-5-27000	27000.0	13.600	0.120	0.250	0.217
RL-5480-5-33000	33000.0	18.400	0.105	0.190	0.201
RL-5480-5-39000	39000.0	21.000	0.096	0.190	0.197
RL-5480-5-47000	47000.0	27.000	0.084	0.150	0.165
RL-5480-5-56000	56000.0	30.000	0.078	0.150	0.159
RL-5480-5-68000	68000.0	34.000	0.072	0.150	0.146
RL-5480-5-82000	82000.0	51.000	0.066	0.120	0.114
RL-5480-5-100000	100000.0	64.000	0.060	0.095	0.122
RL-5480-5-120000	120000.0	72.000	0.054	0.095	0.113
RL-5480-5-150000	150000.0	84.000	0.050	0.095	0.108
RL-5480-5-180000	180000.0	106.000	0.044	0.076	0.097
RL-5480-5-220000	220000.0	120.000	0.041	0.076	0.087
RL-5480-5-270000	270000.0	174.000	0.039	0.060	0.080

NOTES:

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