



# RL-2535

## MOLDED WIREWOUND CHIP INDUCTORS



### FEATURES

- Leaching resistant terminations due to metal tab electrodes.
- Coils encapsulated in heat-proof resin achieve accurate dimensions and are resistant to mechanical shock or pressure.
- High resistance to heat and humidity.

### APPLICATIONS

Microtelevisions, liquid crystal televisions, video cameras, portable VCRs, car stereos, television tuners, cell phones, radio equipment and modules such as hybrid ICs.

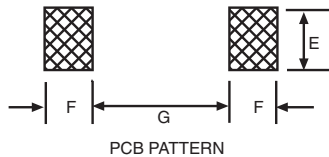
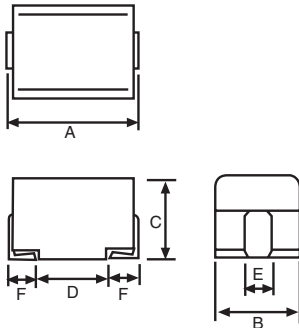
### SPECIFICATIONS

Operating Temperature: -25°C to +85°C

Storage Temperature: -40°C to +100°C

### PRECAUTIONS

- After mounting components onto printed circuit board, be careful not to bend or mishandle the board.
- When hand soldering, apply solder iron to the printed circuit board only. Temperature of the iron tip should not exceed 230°C with soldering time < 3 seconds.
- Reflow soldering condition:
- 230°C+5°C (260°C+5°C for Pb free).



### PART NUMBER IDENTIFICATION

RL-2535 R10 M  
(1) (2) (3)

(1) SERIES NAME

(2) INDUCTANCE CODE

(3) TOLERANCE CODE

J = ±5% K = ±10% M = ±20%

### TAPE AND REEL PACKAGING

Part Number	Pieces per reel	Plastic reel size
RL-2535	1,000	13"

### MECHANICAL DIMENSION (m/m)

Part Number	EIA Std	A	B	C	D	E	F	G
RL-2535	2220	5.60±0.30	5.00±0.30	5.00±0.30	3.60	2.00	1.0	3.6



## RENCO ELECTRONICS, INC.

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Part Number	Inductance L ( $\mu$ H)	Q (MHz, Min)					Rated Current (mA) Max.	DCR ( $\Omega$ ) Max.	SRF (MHz) Min
		0.0796	0.252	0.796	2.52	7.96			
RL-2535-1R0X	1.00	-	-	-	-	10	1800	0.030	95.0
RL-2535-1R2X	1.20	-	-	-	-	10	1700	0.035	70.0
RL-2535-1R5X	1.50	-	-	-	-	10	1600	0.040	55.0
RL-2535-1R8X	1.80	-	-	-	-	10	1400	0.050	47.0
RL-2535-2R2X	2.20	-	-	-	-	10	1300	0.060	42.0
RL-2535-2R7X	2.70	-	-	-	-	10	1200	0.070	37.0
RL-2535-3R3X	3.30	-	-	-	-	10	1120	0.080	34.0
RL-2535-3R9X	3.90	-	-	-	-	10	1050	0.090	32.0
RL-2535-4R7X	4.70	-	-	-	-	10	950	0.110	29.0
RL-2535-5R6X	5.60	-	-	-	-	10	880	0.130	26.0
RL-2535-6R8X	6.80	-	-	-	-	10	810	0.150	24.0
RL-2535-8R2X	8.20	-	-	-	-	10	750	0.180	22.0
RL-2535-100X	10.00	-	-	-	10	-	690	0.210	19.0
RL-2535-120X	12.00	-	-	-	10	-	630	0.250	17.0
RL-2535-150X	15.00	-	-	-	10	-	580	0.300	16.0
RL-2535-180X	18.00	-	-	-	10	-	530	0.360	14.0
RL-2535-220X	22.00	-	-	-	10	-	480	0.430	13.0
RL-2535-270X	27.00	-	-	-	10	-	440	0.520	11.5
RL-2535-330X	33.00	-	-	-	10	-	400	0.620	10.5
RL-2535-390X	39.00	-	-	-	10	-	370	0.720	9.50
RL-2535-470X	47.00	-	-	-	10	-	340	0.850	8.50
RL-2535-560X	56.00	-	-	-	10	-	310	1.000	7.80
RL-2535-680X	68.00	-	-	-	10	-	290	1.200	7.00
RL-2535-820X	82.00	-	-	-	10	-	270	1.400	6.40
RL-2535-101X	100.00	-	-	20	-	-	250	1.600	6.00
RL-2535-121X	120.00	-	-	20	-	-	230	1.900	5.40
RL-2535-151X	150.00	-	-	20	-	-	210	2.200	4.80
RL-2535-181X	180.00	-	-	20	-	-	190	2.800	4.40
RL-2535-221X	220.00	-	-	20	-	-	170	3.400	3.90
RL-2535-271X	270.00	-	-	20	-	-	155	4.200	3.60
RL-2535-331X	330.00	-	-	20	-	-	140	4.900	3.20
RL-2535-391X	390.00	-	-	20	-	-	130	5.800	2.90
RL-2535-471X	470.00	-	-	20	-	-	120	7.000	2.60
RL-2535-561X	560.00	-	-	20	-	-	110	8.500	2.40
RL-2535-681X	680.00	-	-	20	-	-	100	10.000	2.20
RL-2535-821X	820.00	-	-	20	-	-	90	13.000	2.00
RL-2535-102X	1000.00	-	20	-	-	-	85	15.000	1.80
RL-2535-122X	1200.00	-	30	-	-	-	75	17.000	1.50
RL-2535-152X	1500.00	-	30	-	-	-	70	20.000	1.40
RL-2535-182X	1800.00	-	30	-	-	-	60	30.000	1.30
RL-2535-222X	2200.00	-	30	-	-	-	55	35.000	1.20
RL-2535-272X	2700.00	-	30	-	-	-	45	55.000	1.10
RL-2535-332X	3300.00	-	30	-	-	-	40	60.000	1.00
RL-2535-392X	3900.00	-	30	-	-	-	38	70.000	1.00
RL-2535-472X	4700.00	-	30	-	-	-	36	78.000	0.90
RL-2535-562X	5600.00	-	30	-	-	-	33	85.000	0.80
RL-2535-682X	6800.00	-	30	-	-	-	30	110.000	0.70
RL-2535-822X	8200.00	-	30	-	-	-	28	125.000	0.60
RL-2535-103X	10000.00	20	-	-	-	-	25	150.000	0.50



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