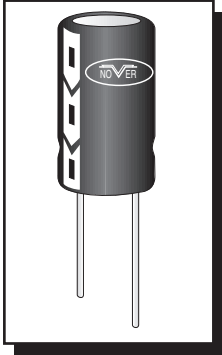


NOVER type RL

A range of high performance radial aluminium electrolytic capacitors featuring excellent low impedance and ESR characteristics. The RL range further benefits from having a 105°C operating temperature range making it especially suitable for switch mode power supplies (SMPS). The entire range of available values and voltages in loose or taped formats, are shown on the following pages. For lead forming, cropping and taping options refer to page 5.

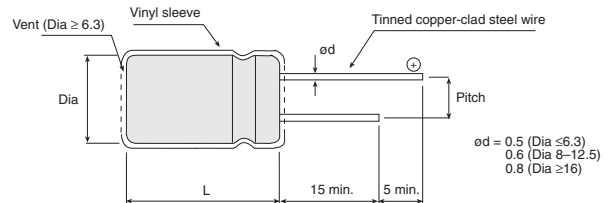


- **Low impedance**
- **Endurance** **2000 hours at 105°C**
- **High ripple current**
- **High performance and reliability**
- **For switch mode power supplies (SMPS) and industrial electronics**
- **Capacitance tolerance** **20%**
- **Body colour** **Brown**
- **Supplied loose or taped**

Specification

Conforms to JIS C5141-1982 Char.W
 Endurance test 2000 hours at 105°C
 Capacitance tolerance ±20% at 120Hz, 20°C
 Ripple current (as listed) measured at 100kHz, 105°C
 (see also Multiplier table below)
 Impedance (as listed) measured at 100kHz
 Operating temperature range -55°C to +105°C
 Leakage current ≤0.01CV or 0.3µA
 (whichever is greater) after 2 min.

Dimensions (mm)



Dia x L are can sizes only. To allow for sleeve add 0.5 to Dia and 1.0 to L (2.0 L≥20)

Dissipation factor (120Hz, 20°C)

* Add 0.02 for every 1000µF above 1000µF

Rated voltage	6.3V	10V	16V	25V	35V	50V	63V	100V	d.c.
Tan δ (max)*	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08	

Surge voltage capability

Rated voltage	6.3V	10V	16V	25V	40V	50V	63V	100V	d.c.
Surge voltage	8V	13V	20V	32V	50V	63V	79V	125V	d.c.

Multiplier for ripple current

Frequency coefficient				
Freq(Hz)	120	1K	10K	100K
0.47 ~ 4.7	0.40	0.68	0.78	1.0
5.6 ~ 47	0.50	0.76	0.87	1.0
56 ~ 270	0.70	0.85	0.90	1.0
330 ~ 1000	0.80	0.93	0.98	1.0
1200 ~ 15000	0.90	0.95	1.0	1.0
Temperature coefficient				
Temperature (°C)	+70	+85	+105	
Factor	1.96	1.68	1.0	

◆ **LEAD FORMING** ◆
 ◆ **CROPPING** ◆
 ◆ **TAPING** ◆

Refer to page 5

ORDERING INFORMATION

For simplicity, the following list provides both Nover Part No's and Anglia Order Codes for loose (natural pitch, full length leads) and taped & boxed parts only. To order alternative lead forms etc just add the appropriate Nover Part No. suffix letter (see page 4) to the basic six digit Anglia Order Code, like example shown.

Example : **270µF 16V**

	Basic Anglia Code	Nover Letter
Cropped	0 6 0 0 3 4	C
Twisted & formed	0 6 0 0 3 4	W



NOVER type RL

Value (µF)	Ripple Current (mA)	Impedance (Ω)		Dimensions (mm)		LOOSE		Pack Qty pcs	TAPED & BOXED		Box Qty pcs
		20°C	-10°C	Pitch	Dia. x L	Nover Part No.	Anglia Order Code		Nover Part No.	Anglia OrderCode	
6.3 Volt											
100	175	0.65	1.30	2(5)	5.0 x 11.5	RL0J101MAB	060305	200	RL0J101MAET	060305T	2000
150	235	0.46	0.92	2.5(5)	6.3 x 11.5	RL0J151MBC	060307	200	RL0J151MBET	060307T	1500
220	290	0.30	0.60	2.5(5)	6.3 x 11.5	RL0J221MBC	060309	200	RL0J221MBET	060309T	1500
330	400	0.20	0.40	2.5(5)	6.3 x 11.5	RL0J331MBC	060311	200	RL0J331MBET	060311T	1500
470	488	0.17	0.34	3.5(5)	8.0 x 12.0	RL0J471MCD	060312	200	RL0J471MCET	060312T	1000
680	613	0.12	0.24	5	10.0 x 12.5	RL0J681MDE	060313	100	RL0J681MDET	060313T	600
820	734	0.095	0.19	5	10.0 x 16.0	RL0J821MEE	060314	100	RL0J821MEET	060314T	600
1000	800	0.076	0.152	3.5(5)	8.0 x 12.0	RL0J102MCD	060315	200	RL0J102MCET	060315T	1000
1000	820	0.068	0.136	3.5(5)	8.0 x 15.0	RL0J102MQD	060355	200	RL0J102MQET	060355T	1000
1200	980	0.052	0.104	3.5(5)	8.0 x 20.0	RL0J122MSD	060316	200	RL0J122MSET	060316T	1000
1200	1010	0.046	0.092	5	10.0 x 16.0	RL0J122MEE	060356	100	RL0J122MEET	060356T	600
1500	1160	0.042	0.084	3.5(5)	8.0 x 20.0	RL0J152MSD	060317	200	RL0J152MSET	060317T	1000
1500	1190	0.038	0.076	5	10.0 x 20.0	RL0J152MFE	060358	100	RL0J152MFET	060358T	600
2200	1440	0.032	0.064	5	12.5 x 20.0	RL0J222MGE	060318	100	RL0J222MGET	060318T	400
2700	1690	0.028	0.056	5	12.5 x 25.0	RL0J272MHE	060319	100	RL0J272MHET	060319T	400
3300	1860	0.026	0.052	5	12.5 x 25.0	RL0J332MHE	060320	100	RL0J332MHET	060320T	400
3900	1950	0.024	0.048	5	12.5 x 30.0	RL0J392MXE	060321	100	-	-	-
4700	2220	0.022	0.044	5	12.5 x 35.0	RL0J472MTE	060322	100	-	-	-
5600	2390	0.020	0.040	5	12.5 x 40.0	RL0J562MZE	060323	100	-	-	-
6800	2350	0.018	0.036	7.5	16.0 x 31.5	RL0J682MRF	060324	50	-	-	-
8200	2550	0.016	0.032	7.5	16.0 x 35.5	RL0J822MA3F	060325	50	-	-	-
10000	2410	0.014	0.028	7.5	18.0 x 31.5	RL0J103MA8F	060326	50	-	-	-
12000	2970	0.012	0.024	7.5	16.0 x 40.0	RL0J123MA4F	060327	50	-	-	-
15000	3010	0.010	0.020	7.5	18.0 x 40.0	RL0J153MA9F	060328	50	-	-	-
10 Volt											
82	175	0.65	1.30	2(5)	5.0 x 11.5	RL1A820MAB	060006	200	RL1A820MAET	060006T	2000
100	235	0.46	0.92	2(5)	5.0 x 11.5	RL1A101MAB	060007	200	RL1A101MAET	060007T	2000
180	290	0.31	0.62	2.5(5)	6.3 x 11.5	RL1A181MBC	060008	200	RL1A181MBET	060008T	1500
220	400	0.20	0.40	2.5(5)	6.3 x 11.5	RL1A221MBC	060009	200	RL1A221MBET	060009T	1500
330	490	0.17	0.34	3.5(5)	8.0 x 12.0	RL1A331MCD	060010	200	RL1A331MCET	060010T	1000
470	615	0.14	0.28	3.5(5)	8.0 x 12.0	RL1A471MCD	060011	200	RL1A471MCET	060011T	1000
470	617	0.13	0.26	3.5(5)	8.0 x 15.0	RL1A471MQD	060362	200	RL1A471MQET	060362T	1000
560	734	0.095	0.19	3.5(5)	8.0 x 15.0	RL1A561MQD	060012	200	RL1A561MQET	060012T	1000
680	800	0.095	0.19	3.5(5)	8.0 x 20.0	RL1A681MSD	060013	200	RL1A681MSET	060013T	1000
1000	1010	0.080	0.12	5	10.0 x 16.0	RL1A102MEE	060014	100	RL1A102MEET	060014T	600
1200	1190	0.048	0.096	5	10.0 x 20.0	RL1A122MFE	060015	100	RL1A122MFET	060015T	600
1500	1440	0.032	0.064	5	10.0 x 20.0	RL1A152MFE	060016	100	RL1A152MFET	060016T	600
1800	1520	0.030	0.060	5	12.5 x 20.0	RL1A182MGE	060017	100	RL1A182MGET	060017T	400
2200	1690	0.028	0.056	5	12.5 x 25.0	RL1A222MGE	060018	100	RL1A222MGET	060018T	400
2700	1950	0.026	0.052	5	12.5 x 30.0	RL1A272MXE	060019	100	-	-	-
3300	2220	0.024	0.048	5	12.5 x 35.0	RL1A332MTE	060020	100	-	-	-
3900	2390	0.022	0.044	5	12.5 x 40.0	RL1A392MZE	060021	100	-	-	-
4700	2410	0.018	0.036	7.5	16.0 x 25.0	RL1A472MPF	060022	100	RL1A472MPFT	060022T	180
5600	2530	0.017	0.034	7.5	16.0 x 31.5	RL1A562MRF	060023	50	-	-	-
6800	2680	0.016	0.032	7.5	18.0 x 31.5	RL1A682MA8F	060024	50	-	-	-
8200	2970	0.014	0.028	7.5	18.0 x 35.5	RL1A822MVF	060025	50	-	-	-
10000	3010	0.012	0.024	7.5	18.0 x 40.0	RL1A103MA9F	060026	50	-	-	-

(5) Leads pre-formed to 5mm pitch on taped part

RL continued overleaf > > > >



For the very latest Nover product data and news visit the Nover website:

www.nover.com



NOVER type RL (continued)

Value (μ F)	Ripple Current (mA)	Impedance (Ω)		Dimensions (mm)		LOOSE		Pack Qty pcs	TAPED & BOXED		Box Qty pcs	
		20°C	-10°C	Pitch	Dia. x L	Nover Part No.	Anglia Order Code		Nover Part No.	Anglia Order Code		
16 Volt												
56	175	0.65	1.30	2(5)	5.0 x 11.5	RL1C560MAB	060030	200	RL1C560MAET	060030T	2000	
82	235	0.46	0.92	2.5(5)	6.3 x 11.5	RL1C820MBC	060031	200	RL1C820MBET	060031T	1500	
120	290	0.31	0.62	2.5(5)	6.3 x 11.5	RL1C121MBC	060032	200	RL1C121MBET	060032T	1500	
180	400	0.20	0.40	3.5(5)	8.0 x 12.0	RL1C181MCD	060033	200	RL1C181MCET	060033T	1000	
270	501	0.17	0.34	3.5(5)	8.0 x 12.0	RL1C271MCD	060034	200	RL1C271MCET	060034T	1000	
330	575	0.13	0.26	3.5(5)	8.0 x 15.0	RL1C331MQD	060035	200	RL1C331MQET	060035T	1000	
330	625	0.13	0.26	5	10.0 x 12.5	RL1C331MDE	060801	100	RL1C331MDET	060801T	600	
390	795	0.090	0.18	5	10.0 x 16.0	RL1C391MEE	060037	100	RL1C391MEET	060037T	600	
470	760	0.095	0.19	3.5(5)	8.0 x 12.0	RL1C471MCD	060067	200	RL1C471MCET	060067T	1000	
470	760	0.095	0.19	3.5(5)	8.0 x 20.0	RL1C471MSD	060038	200	RL1C471MSET	060038T	1000	
680	1010	0.065	0.13	5	10.0 x 20.0	RL1C681MFE	060039	100	RL1C681MFET	060039T	600	
680	1010	0.065	0.13	5	12.5 x 15.0	RL1C681MWE	060802	100	RL1C681MWET	060802T	400	
820	1190	0.055	0.11	5	10.0 x 25.0	RL1C821MYE	060041	100	RL1C821MYET	060041T	600	
1200	1430	0.047	0.094	5	10.0 x 30.0	RL1C122MUE	060042	100	RL1C122MUET	060042T	600	
1200	1400	0.042	0.084	5	12.5 x 20.0	RL1C122MGE	060803	100	RL1C122MGET	060803T	400	
1500	1690	0.038	0.076	5	12.5 x 25.0	RL1C152MHE	060043	100	RL1C152MHET	060043T	400	
1500	1340	0.046	0.092	7.5	16.0 x 15.0	RL1C152MA1F	060804	100	RL1C152MA1FT	060804T	180	
1500	1500	0.043	0.086	7.5	18.0 x 15.0	RL1C152MA5F	060805	50	-	-	-	
2200	1950	0.032	0.064	5	12.5 x 30.0	RL1C222MXE	060044	100	-	-	-	
2200	1730	0.034	0.068	7.5	16.0 x 20.0	RL1C222MA2F	060806	100	RL1C222MA2FT	060806T	180	
2700	2200	0.028	0.056	5	12.5 x 35.0	RL1C272MTE	060045	50	-	-	-	
2700	2070	0.028	0.056	7.5	16.0 x 25.0	RL1C272MPF	060807	100	RL1C272MPFT	060807T	180	
2700	1870	0.030	0.060	7.5	18.0 x 20.0	RL1C272MA6F	060808	50	-	-	-	
3300	2390	0.026	0.052	5	12.5 x 40.0	RL1C332MZE	060046	50	-	-	-	
3900	2350	0.025	0.050	7.5	16.0 x 31.5	RL1C392MRF	060047	50	-	-	-	
3900	2160	0.027	0.054	7.5	18.0 x 25.0	RL1C392MA7F	060809	50	-	-	-	
4700	2550	0.022	0.044	7.5	16.0 x 35.5	RL1C472MA3F	060048	50	-	-	-	
4700	2450	0.023	0.046	7.5	18.0 x 31.5	RL1C472MA8F	060810	50	-	-	-	
5600	2900	0.020	0.020	7.5	16.0 x 40.0	RL1C562MA4F	060049	50	-	-	-	
6800	2730	0.019	0.038	7.5	18.0 x 35.5	RL1C682MVF	060050	50	-	-	-	
8200	3060	0.018	0.036	7.5	18.0 x 40.0	RL1C822MA9F	060051	50	-	-	-	
25 Volt												
39	175	0.65	1.30	2(5)	5.0 x 11.5	RL1E390MAB	060057	200	RL1E390MAET	060057T	2000	
56	235	0.46	0.92	2.5(5)	6.3 x 11.5	RL1E560MBC	060058	200	RL1E560MBET	060058T	1500	
82	290	0.31	0.62	2.5(5)	6.3 x 11.5	RL1E820MBC	060059	200	RL1E820MBET	060059T	1500	
120	400	0.20	0.40	3.5(5)	8.0 x 12.0	RL1E121MCD	060060	200	RL1E121MNET	060060T	1000	
180	503	0.17	0.34	3.5(5)	8.0 x 12.0	RL1E181MCD	060061	200	RL1E181MCET	060061T	1000	
220	575	0.13	0.26	3.5(5)	8.0 x 15.0	RL1E221MQD	060062	200	RL1E221MQET	060062T	1000	
220	629	0.12	0.24	5	10.0 x 12.5	RL1E221MDE	060815	100	RL1E221MDET	060815T	600	
270	795	0.090	0.18	5	10.0 x 16.0	RL1E271MEE	060063	100	RL1E271MEET	060063T	600	
330	751	0.095	0.19	3.5(5)	8.0 x 15.0	RL1E331MQD	060097	200	RL1E331MQET	060097T	1000	
330	751	0.095	0.19	3.5(5)	8.0 x 20.0	RL1E331MSD	060064	200	RL1E331MSET	060064T	1000	
470	1010	0.065	0.13	5	10.0 x 20.0	RL1E471MFE	060065	100	RL1E471MFET	060065T	600	
470	1010	0.065	0.13	5	12.5 x 15.0	RL1E471MWE	060816	100	RL1E471MWET	060816T	400	
560	1190	0.055	0.11	5	10.0 x 25.0	RL1E561MYE	060066	100	RL1E561MYET	060066T	600	
820	1440	0.045	0.090	5	10.0 x 30.0	RL1E821MUE	060068	100	RL1E821MUET	060068T	600	
820	1400	0.042	0.084	5	12.5 x 20.0	RL1E821MGE	060817	100	RL1E821MGET	060817T	400	
820	1360	0.046	0.092	7.5	16.0 x 15.0	RL1E821MA1F	060818	100	RL1E821MA1FT	060818T	180	
1000	1690	0.036	0.072	5	12.5 x 25.0	RL1E102MHE	060069	100	RL1E102MHET	060069T	400	
1200	1500	0.043	0.086	7.5	18.0 x 15.0	RL1E122MA5F	060070	50	-	-	-	
1500	1950	0.030	0.060	5	12.5 x 30.0	RL1E152MXE	060071	100	-	-	-	
1500	1730	0.034	0.068	7.5	16.0 x 20.0	RL1E152MA2F	060819	100	RL1E152MA2FT	060819T	180	
1800	2200	0.028	0.056	5	12.5 x 35.0	RL1E182MTE	060072	50	-	-	-	
1800	2070	0.028	0.056	7.5	16.0 x 25.0	RL1E182MPF	060820	100	RL1E182MPFT	060820T	180	
1800	1890	0.036	0.072	7.5	18.0 x 20.0	RL1E182MA6F	060821	50	-	-	-	
2200	2390	0.024	0.048	5	12.5 x 40.0	RL1E222MZE	060073	50	-	-	-	
2700	2350	0.025	0.050	7.5	16.0 x 31.5	RL1E272MRF	060074	50	-	-	-	
2700	2180	0.027	0.054	7.5	18.0 x 25.0	RL1E272MA7F	060822	50	-	-	-	
3300	2550	0.022	0.044	7.5	16.0 x 35.5	RL1E332MA3F	060075	50	-	-	-	
3300	2470	0.023	0.046	7.5	18.0 x 31.5	RL1E332MA8F	060823	50	-	-	-	
3900	2900	0.020	0.040	7.5	16.0 x 40.0	RL1E392MA4F	060076	50	-	-	-	
3900	2740	0.019	0.038	7.5	18.0 x 35.5	RL1E392MVF	060824	50	-	-	-	
4700	3070	0.018	0.036	7.5	18.0 x 40.0	RL1E472MA9F	060077	50	-	-	-	
35 Volt												
27	175	0.65	1.30	2(5)	5.0 x 11.5	RL1V270MAB	060080	200	RL1V270MAET	060080T	2000	
39	235	0.46	0.92	2.5(5)	6.3 x 11.5	RL1V390MBC	060081	200	RL1V390MBET	060081T	1500	
56	290	0.30	0.60	2.5(5)	6.3 x 11.5	RL1V560MBC	060082	200	RL1V560MBET	060082T	1500	
82	400	0.20	0.40	3.5(5)	8.0 x 12.0	RL1V820MCD	060083	200	RL1V820MCET	060083T	1000	
120	506	0.17	0.34	3.5(5)	8.0 x 12.0	RL1V121MCD	060084	200	RL1V121MCET	060084T	1000	
150	635	0.12	0.24	5	10.0 x 12.5	RL1V151MDE	060085	100	RL1V151MDET	060085T	600	
180	795	0.13	0.26	3.5(5)	8.0 x 15.0	RL1V181MQD	060086	200	RL1V181MQET	060086T	1000	
180	795	0.095	0.19	5	10.0 x 16.0	RL1V181MEE	060828	100	RL1V181MEET	060828T	600	
220	760	0.095	0.19	3.5(5)	8.0 x 20.0	RL1V221MSD	060133	200	RL1V221MSET	060133T	1000	



NOVER type RL (continued)

Value (μF)	Ripple Current (mA)	Impedance (Ω)		Dimensions (mm)		LOOSE		Pack Qty pcs	TAPED & BOXED		Box Qty pcs	
		20°C	-10°C	Pitch	Dia. x L	Novor Part No.	Anglia Order Code		Novor Part No.	Anglia Order Code		
35 Volt (continued)												
330	1010	0.065	0.13	5	10.0 x 20.0	RL1V331MFE	060088	100	RL1V331MFET	060088T	600	
330	1010	0.065	0.13	5	12.5 x 15.0	RL1V331MWE	060829	100	RL1V331MWET	060829T	400	
390	1190	0.055	0.11	5	10.0 x 25.0	RL1V391MYE	060089	100	RL1V391MYET	060089T	600	
560	1450	0.045	0.090	5	10.0 x 30.0	RL1V561MUE	060090	100	-	-	-	
560	1400	0.042	0.084	5	12.5 x 20.0	RL1V561MGE	060830	100	RL1V561MGET	060830T	400	
560	1360	0.046	0.092	7.5	16.0 x 15.0	RL1V561MA1F	060831	100	RL1V561MA1FT	060831T	180	
680	1690	0.038	0.076	5	12.5 x 25.0	RL1V681MHE	060091	100	RL1V681MHET	060091T	400	
680	1520	0.043	0.086	7.5	18.0 x 15.0	RL1V681MA5F	060832	50	-	-	-	
1000	1950	0.032	0.064	5	12.5 x 30.0	RL1V102MXE	060093	100	-	-	-	
1000	1730	0.034	0.068	7.5	16.0 x 20.0	RL1V102MA2F	060833	100	RL1V102MA2FT	060833T	180	
1200	2200	0.028	0.056	5	12.5 x 35.0	RL1V122MTE	060094	50	-	-	-	
1200	2070	0.028	0.056	7.5	16.0 x 25.0	RL1V122MPF	060834	100	RL1V122MPFT	060834T	180	
1200	1900	0.036	0.072	7.5	18.0 x 20.0	RL1V122MA6F	060835	50	-	-	-	
1500	2390	0.026	0.052	5	12.5 x 40.0	RL1V152MZE	060095	50	-	-	-	
1800	2350	0.025	0.050	7.5	16.0 x 31.5	RL1V182MRF	060096	50	-	-	-	
1800	2200	0.027	0.054	7.5	18.0 x 25.0	RL1V182MA7F	060836	50	-	-	-	
2200	2550	0.022	0.044	7.5	16.0 x 35.5	RL1V222MA3F	060098	50	-	-	-	
2200	2490	0.023	0.046	7.5	18.0 x 31.5	RL1V222MA8F	060837	50	-	-	-	
2700	2900	0.020	0.040	7.5	16.0 x 40.0	RL1V272MA4F	060099	50	-	-	-	
2700	2770	0.019	0.038	7.5	18.0 x 35.5	RL1V272MVV	060838	50	-	-	-	
3300	3110	0.018	0.036	7.5	18.0 x 40.0	RL1V332MA9F	060100	50	-	-	-	
50 Volt												
0.47	22	3.9	7.8	2(5)	5.0 x 11.5	RL1HR47MAB	060105	200	RL1HR47MAET	060105T	2000	
1.0	36	3.5	7.0	2(5)	5.0 x 11.5	RL1H010MAB	060106	200	RL1H010MAET	060106T	2000	
2.2	54	3.0	6.0	2(5)	5.0 x 11.5	RL1H2R2MAB	060107	200	RL1H2R2MAET	060107T	2000	
3.3	63	2.6	5.2	2(5)	5.0 x 11.5	RL1H3R3MAB	060108	200	RL1H3R3MAET	060108T	2000	
4.7	75	2.2	4.4	2(5)	5.0 x 11.5	RL1H4R7MAB	060109	200	RL1H4R7MAET	060109T	2000	
10	110	1.4	2.8	2(5)	5.0 x 11.5	RL1H100MAB	060110	200	RL1H100MAET	060110T	2000	
18	120	0.95	1.9	2(5)	5.0 x 11.5	RL1H180MAB	060111	200	RL1H180MAET	060111T	2000	
27	135	0.55	1.1	2.5(5)	6.3 x 11.5	RL1H270MBC	060112	200	RL1H270MBET	060112T	1500	
39	148	0.36	0.72	2.5(5)	6.3 x 11.5	RL1H390MBC	060113	200	RL1H390MBET	060113T	1500	
56	153	0.28	0.56	2.5(5)	6.3 x 11.5	RL1H560MBC	060114	200	RL1H560MBET	060114T	1500	
68	360	0.20	0.40	3.5(5)	8.0 x 12.0	RL1H680MCD	060115	200	RL1H680MCET	060115T	1000	
82	460	0.18	0.36	3.5(5)	8.0 x 15.0	RL1H820MQD	060116	200	RL1H820MQET	060116T	1000	
82	443	0.18	0.36	5	10.0 x 12.5	RL1H820MDE	060842	100	RL1H820MDET	060842T	600	
100	553	0.15	0.30	5	10.0 x 16.0	RL1H101MEE	060117	100	RL1H101MEET	060117T	600	
120	670	0.13	0.26	3.5(5)	8.0 x 20.0	RL1H121MSD	060118	200	RL1H121MSET	060118T	1000	
180	676	0.085	0.17	5	10.0 x 20.0	RL1H181MFE	060119	100	RL1H181MFET	060119T	600	
180	745	0.095	0.19	5	12.5 x 15.0	RL1H181MWE	060843	100	RL1H181MWET	060843T	400	
220	876	0.075	0.17	5	10.0 x 20.0	RL1H221MFE	060120	100	RL1H221MFET	060120T	600	
330	982	0.065	0.13	7.5	16.0 x 15.0	RL1H331MA1F	060121	100	RL1H331MA1FT	060121T	600	
330	1010	0.055	0.11	5	10.0 x 30.0	RL1H331MUE	060844	100	-	-	-	
330	979	0.060	0.12	5	12.5 x 20.0	RL1H331MGE	060845	100	RL1H331MGET	060845T	400	
470	1180	0.044	0.088	5	12.5 x 25.0	RL1H471MHE	060122	100	RL1H471MHET	060122T	400	
470	1080	0.048	0.096	7.5	18.0 x 15.0	RL1H471MA5F	060846	50	-	-	-	
560	1310	0.040	0.080	5	12.5 x 30.0	RL1H561MXE	060123	100	-	-	-	
680	1470	0.036	0.072	5	12.5 x 35.0	RL1H681MTE	060124	50	-	-	-	
680	1210	0.045	0.090	7.5	16.0 x 20.0	RL1H681MA2F	060847	100	RL1H681MA2FT	060847T	180	
820	1590	0.034	0.068	5	12.5 x 40.0	RL1H821MZE	060125	50	-	-	-	
820	1490	0.038	0.076	7.5	16.0 x 25.0	RL1H821MPF	060848	100	RL1H821MPFT	060848T	180	
820	1450	0.036	0.064	7.5	18.0 x 20.0	RL1H821MA6F	060849	50	-	-	-	
1000	1890	0.032	0.064	7.5	16.0 x 31.5	RL1H102MRF	060126	50	RL1H102MRFT	060126T	180	
1000	1720	0.032	0.064	7.5	18.0 x 25.0	RL1H102MA7F	060850	50	-	-	-	
1200	2140	0.028	0.056	7.5	16.0 x 35.5	RL1H122MA3F	060127	50	-	-	-	
1500	2410	0.026	0.052	7.5	16.0 x 40.0	RL1H152MA4F	060128	50	-	-	-	
1500	1970	0.026	0.052	7.5	18.0 x 31.5	RL1H152MA8F	060851	50	-	-	-	
1800	2310	0.025	0.050	7.5	18.0 x 31.5	RL1H182MA8F	060129	50	-	-	-	
2200	2530	0.024	0.048	7.5	18.0 x 40.0	RL1H222MA9F	060130	50	-	-	-	
63 Volt												
12	120	1.20	3.6	2(5)	5.0 x 11.5	RL1J120MAB	060146	200	RL1J120MAET	060146T	2000	
18	135	0.85	2.6	2(5)	5.0 x 11.5	RL1J180MAB	060147	200	RL1J180MAET	060147T	2000	
27	148	0.55	1.7	2.5(5)	6.3 x 11.5	RL1J270MBC	060148	200	RL1J270MBET	060148T	1500	
39	153	0.38	1.1	3.5(5)	8.0 x 12.0	RL1J390MCD	060149	200	RL1J390MCET	060149T	1000	
47	360	0.32	0.96	3.5(5)	8.0 x 12.0	RL1J470MCD	060150	200	RL1J470MCET	060150T	1000	
56	448	0.23	0.69	5	10.0 x 12.5	RL1J560MDE	060151	100	RL1J560MDET	060151T	600	
68	469	0.24	0.72	3.5(5)	8.0 x 12.0	RL1J680MCD	060152	200	RL1J680MCET	060152T	1000	
68	553	0.17	0.51	5	10.0 x 16.0	RL1J680MEE	060860	100	RL1J680MEET	060860T	600	
82	682	0.17	0.51	3.5(5)	8.0 x 20.0	RL1J820MSD	060153	200	RL1J820MSET	060153T	1000	
120	676	0.12	0.36	5	10.0 x 20.0	RL1J121MFE	060154	100	RL1J121MFET	060154T	600	
150	745	0.11	0.33	5	12.5 x 15.0	RL1J151MWE	060155	100	RL1J151MWET	060155T	400	
150	876	0.10	0.30	5	10.0 x 25.0	RL1J151MYE	060861	100	RL1J151MYET	060861T	600	

(5) Leads pre-formed to 5mm pitch on taped part

RL continued overleaf > > >



NOVER type RL (continued)

Value (μ F)	Ripple Current (mA)	Impedance (Ω)		Dimensions (mm)		LOOSE		Pack Qty pcs	TAPED & BOXED		Box Qty pcs	
		20°C	-10°C	Pitch	Dia. x L	Nover Part No.	Anglia Order Code		Nover Part No.	Anglia Order Code		
63 Volt (continued)												
180	1020	0.085	0.26	5	10.0 x 30.0	RL1J181MUE	060156	100	-	-	-	
220	979	0.075	0.23	5	12.5 x 20.0	RL1J221MGE	060157	100	RL1J221MGET	060157T	400	
220	982	0.080	0.24	7.5	16.0 x 15.0	RL1J221MA1F	060862	100	RL1J221MA1FT	060862T	180	
270	1180	0.065	0.20	5	12.5 x 20.0	RL1J271MGE	060158	100	RL1J271MGET	060158T	400	
330	1200	0.065	0.20	7.5	18.0 x 15.0	RL1J331MA5F	060159	50	-	-	-	
390	1310	0.055	0.17	5	12.5 x 30.0	RL1J391MXE	060160	100	-	-	-	
390	1210	0.057	0.17	7.5	16.0 x 20.0	RL1J391MA2F	060863	100	RL1J391MA2FT	060863T	180	
470	1470	0.048	0.14	5	12.5 x 35.0	RL1J471MTE	060142	50	-	-	-	
470	1460	0.058	0.17	7.5	18.0 x 20.0	RL1J471MA6F	060161	50	-	-	-	
470	1490	0.052	0.16	7.5	16.0 x 25.0	RL1J471MPF	060864	100	RL1J471MPFT	060864T	180	
560	1590	0.042	0.13	5	12.5 x 40.0	RL1J561MZE	060162	50	-	-	-	
680	1890	0.042	0.13	7.5	16.0 x 31.5	RL1J681MRF	060163	50	-	-	-	
680	1740	0.050	0.15	7.5	18.0 x 25.0	RL1J681MA7F	060865	50	-	-	-	
820	2140	0.036	0.11	7.5	16.0 x 35.5	RL1J821MA3F	060164	50	-	-	-	
820	1990	0.042	0.13	7.5	18.0 x 31.5	RL1J821MA8F	060866	50	-	-	-	
1000	2410	0.032	0.096	7.5	16.0 x 40.0	RL1J102MA4F	060165	50	-	-	-	
1000	2340	0.035	0.110	7.5	18.0 x 31.5	RL1J102MA8F	060867	50	-	-	-	
1200	2560	0.032	0.096	7.5	18.0 x 40.0	RL1J122MA9F	060166	50	-	-	-	
100 Volt												
5.6	57	1.9	7.6	2(5)	5.0 x 11.5	RL2A5R6MAB	060171	200	RL2A5R6MAET	060171T	2000	
8.2	74	1.3	5.2	2.5(5)	6.3 x 11.5	RL2A8R2MBC	060172	200	RL2A8R2MBET	060172T	1500	
12	78	1.1	4.4	2.5(5)	6.3 x 11.5	RL2A120MBC	060173	200	RL2A120MBET	060173T	1500	
18	85	0.62	2.5	3.5(5)	8.0 x 12.0	RL2A180MCD	060174	200	RL2A180MCET	060174T	1000	
22	275	0.53	2.1	3.5(5)	8.0 x 12.0	RL2A220MCD	060175	200	RL2A220MCET	060175T	1000	
27	319	0.47	1.9	5	10.0 x 12.5	RL2A270MDE	060176	100	RL2A270MDET	060176T	600	
33	360	0.35	1.4	3.5(5)	8.0 x 15.0	RL2A330MQD	060177	200	RL2A330MQET	060177T	1000	
33	424	0.32	1.3	5	10.0 x 16.0	RL2A330MEE	060871	100	RL2A330MEET	060871T	600	
39	490	0.27	1.1	3.5(5)	8.0 x 20.0	RL2A390MSD	060178	200	RL2A390MSET	060178T	1000	
56	499	0.25	1.0	5	10.0 x 20.0	RL2A560MFE	060277	100	RL2A560MFET	060277T	600	
68	634	0.18	0.72	5	10.0 x 25.0	RL2A680MYE	060278	100	RL2A680MYET	060278T	600	
68	613	0.20	0.80	5	12.5 x 15.0	RL2A680MWE	060872	100	RL2A680MWET	060872T	400	
100	739	0.15	0.60	5	10.0 x 30.0	RL2A101MUE	060179	100	-	-	-	
100	805	0.13	0.52	5	12.5 x 20.0	RL2A101MGE	060873	100	RL2A101MGET	060873T	400	
120	857	0.11	0.44	5	12.5 x 25.0	RL2A121MHE	060180	100	RL2A121MHET	060180T	400	
120	706	0.13	0.52	7.5	16.0 x 15.0	RL2A121MA1F	060874	100	RL2A121MA1FT	060874T	180	
150	871	0.12	0.48	7.5	18.0 x 15.0	RL2A151MA5F	060181	50	-	-	-	
180	1120	0.090	0.36	5	12.5 x 30.0	RL2A181MXE	060182	100	-	-	-	
180	916	0.110	0.44	7.5	16.0 x 20.0	RL2A181MA2F	060875	100	RL2A181MA2FT	060875T	180	
220	1240	0.075	0.30	5	12.5 x 35.0	RL2A221MTE	060183	50	-	-	-	
220	1290	0.081	0.32	7.5	16.0 x 25.0	RL2A221MPF	060876	100	RL2A221MPFT	060876T	180	
270	1330	0.060	0.24	5	12.5 x 40.0	RL2A271MZE	060184	50	-	-	-	
270	1170	0.085	0.34	7.5	18.0 x 20.0	RL2A271MA6F	060877	50	-	-	-	
330	1630	0.059	0.23	7.5	16.0 x 31.5	RL2A331MRF	060185	50	-	-	-	
330	1500	0.071	0.28	7.5	18.0 x 25.0	RL2A331MA7F	060878	50	-	-	-	
390	1750	0.052	0.21	7.5	16.0 x 35.5	RL2A391MA3F	060186	50	-	-	-	
390	1630	0.058	0.23	7.5	18.0 x 31.5	RL2A391MA8F	060879	50	-	-	-	
470	1920	0.045	0.18	7.5	16.0 x 40.0	RL2A471MA4F	060187	50	-	-	-	
560	1920	0.054	0.22	7.5	18.0 x 35.5	RL2A561MVF	060880	50	-	-	-	
680	2100	0.041	0.16	7.5	18.0 x 40.0	RL2A681MA9F	060188	50	-	-	-	

(5) Leads pre-formed to 5mm pitch on taped part



ORDERING INFORMATION	
For simplicity, this list provides both Nover Part No's and Anglia Order Codes for loose (natural pitch, full length leads) and taped & boxed parts only. To order alternative lead forms etc just add the appropriate Nover Part No. suffix letter (see page 4) to the basic six digit Anglia Order Code, like example shown.	<p>Example : 270μF 16V</p> <p>Basic Anglia Code Nover Letter</p> <p>Cropped <input type="text" value="060034"/> <input type="text" value="C"/></p> <p>Twisted & formed <input type="text" value="060034"/> <input type="text" value="W"/></p>