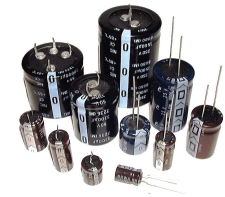


# NIC Components [LDD] Leaded Aluminum Electrolytic Capacitors

Select your LDD Aluminum Electrolytic Capacitor from NIC's Offering of 60+ Series in Liquid Electrolytic Technology including:

- Radial Leaded Constructions
- Snap-In Terminal Constructions
- Screw Terminal Constructions



Endurance Performance (hours) vs. Operating Temperatures:

Temp	NRSS	NRSZ	NRSH	NRE-WY	NRE-WX
+150°C	-	-	-	-	1,000
+130°C	-	-	-	4,000	4,000
+125°C	-	-	-	5,600	5,657
+115°C	-	-	-	11,300	11,314
+105°C	-	5,000	10,000	22,600	22,627
+95°C	-	10,000	20,000	45,200	45,255
+85°C	2,000	20,000	40,000	90,500	90,510
+75°C	4,000	40,000	80,000	> 15yrs	>15 year
+65°C	8,000	80,000	160,000	> 15yrs	>15 year

[1 Year = 8,760 Hours]

## Radial Leaded Products

Series	Type	Description	Capacitance Range	Voltage Range	Max RCR (Up to)	Load Life (Up to)
NRSS	General Purpose 85°C Temperature Rating	Standard Performance	10uF ~ 10,000uF	6.3 ~ 100V	2,700mA	2,000Hrs
NNR		Bi-Polar	1.0uF ~ 1,000uF	10 ~ 100V	740mA	2,000Hrs
NRE-H		High Voltage	0.47uF ~ 330uF	160 ~ 450V	800mA	2,000Hrs
NRWS	General Purpose Wide Temperature 105°C Temperature Rating	Standard Performance	1.0uF ~ 15,000uF	6.3 ~ 100V	2,400mA	2,000Hrs
NRB-XL		Lighting Ballast Applications Longest Life	1.0uF ~ 33uF	160 ~ 400V	158mA	20,000Hrs
NRB-XS			1.0uF ~ 220uF	160 ~ 500V	2,370mA	12,000Hrs
NRB-XZ			10uF ~ 820uF	160 ~ 450V	4,460mA	10,000Hrs
NRE-WY	Extended Temperature Rating	130°C Temperature Rated	1.0uF ~ 4,700uF	10 ~ 400V	2,800mA	4,000Hrs
NRE-WX	150°C Temperature Rated	330uF ~ 1,000uF	16 ~ 50V	750mA	1,000Hrs	
NRSZ	Low ESR & Z 105°C Temperature Rating	Long Life	1.0uF ~ 12,000uF	6.3 ~ 100V	2,800mA	10,000Hrs
NRSG		Expanded Range	6.8uF ~ 6,800uF	6.3 ~ 100V	3,460mA	5,000Hrs
NRZJ	Higher Performance Lower ESR & Z Longer Life Ratings 105°C Temperature Rating	Long Life	8.2uF ~ 8,200uF	6.3 ~ 100V	4,120mA	10,000Hrs
NRSH			8.2uF ~ 8,200uF	6.3 ~ 100V	3,670mA	10,000Hrs
NRE-HL		Expanded Range Long Life	6.8uF ~ 18,000uF	6.3 ~ 100V	4,280mA	10,000Hrs
NRE-JL			0.47uF ~ 15,000uF	6.3 ~ 100V	3,610mA	10,000Hrs
NSPRS	Hybrid Electrolyte Lower ESR - Higher RCR Extended Temperatures	Standard Performance	10uF ~ 1,000uF	6.3 ~ 16V	3,890mA	5,000Hrs
NSPRH		High Voltage, Long Life	2.7uF ~ 330uF	16 ~ 100V	3,000mA	10,000Hrs
NSPRT		125°C Temperature Rating	6.8uF ~ 330uF	16 ~ 100V	2,320mA	3,000Hrs
NSPRY		135°C Temperature Rating	10uF ~ 330uF	25 ~ 63V	1,390mA	2,000Hrs

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- Automotive Grade

## Snap-In Products

Series	Type	Description	Capacitance Range	Voltage Range	Max RCR (Up to)	Load Life (Up to)
NRLC(W)	Screw Terminal & Snap-In General 85°C Temperature (W) 105°C Temperature Rated	Commercial Grade	68uF ~ 2,200uF	200 ~ 450V	4.78A	3,000Hrs
NRLF(W)		Low Profile	33uF ~ 15,000uF	16 ~ 450V	3.68A	2,000Hrs
NRLM(W)		Standard Performance	56uF ~ 68,000uF	10 ~ 450V	10.41A	2,000Hrs
NRLR(W)		Long Life	47uF ~ 82,000uF	10 ~ 450V	10.51A	3,000Hrs
NRLW			120uF ~ 560uF	400 ~ 450V	2.45A	10,000Hrs
NRLUW			100uF ~ 2,200uF	50 ~ 450V	4.27A	5,000Hrs
NRLQW		High Voltage	56uF ~ 820uF	400 ~ 500V	3.22A	2,000Hrs
NRLPW			39uF ~ 15,000uF	50 ~ 500V	5.48A	3,000Hrs

**NIC** Components Corp.

[www.NICcomp.com/aluminums](http://www.NICcomp.com/aluminums)

North America  
Tel: (631) 396-7500  
sales@niccomp.com

Europe  
Tel: +44 (1280) 813 737  
niasales@niccomp.com

SE Asia  
Tel: +65 6844-1575  
niasales@niccomp.com.sg

# NIC Components [LDD] Leaded Aluminum Electrolytic Cross Guide

NIC Series	BC	Eina	Epacos	Illinois	Jamicon	Leion	Nichicon	Panasonic	Rubycon	UCC
NRSS	038 RSU	RE3	B41821	CKS	SM	***	LVR	M	YK	SMG
NNR	***	RBP2	B42822	BPS	NK	FN	LVP	SU(JN)	NA	SMIEBP
NRE-H	044 RSH	RE2 RE3	B43821 B43835	***	***	***	***	***	***	***
NRE-LX	***	***	***	***	***	***	URZ	***	WXA	***
NRWA	047 RMS 048, FML	RU3	B42822 B42823	RMR CKH	TK	RGA RLA	UPR UVZ	MH NHG	YXA	KMG(VB)
NRWS	148 RUS	RU4	B41851	***	TM	RGA RLA	UVZ	MH NHG	YXA	KMG(VB)
NRWP	***	***	***	***	***	***	UVZ	***	***	KMG
NRESW	***	RC2S	***	PGM	SH	SG	UST	KG	MH7	KRG KMA
NREHS	***	***	***	***	***	***	URX	***	***	KMG
NREWX	***	***	***	***	***	***	UBX	***	***	***
NR5Z	135 RL	RSH, RSE R5G	B41857	RZM LSR	WG	RXU RKK	UPU, UPY UPL, UPF	GA, FB HRQ, HFG	YXF GXF	LXF, LXV KMF, LXU SXE
NR5Y	150 RMI	***	***	***	WL	RXA	***	***	JXB	***
NR5ZC	***	***	***	***	***	***	UPW	***	***	LXG LXY
NRESX	***	***	***	***	SL	RXH	UMF USF	***	***	LXF, SXE SXG
NRWX	140 RTM	RKA	B41866	***	WB	***	***	***	RX30	***
NR5G	150 RMI	RJB	***	***	***	***	UHD	EECA	ZL	***
NR2U	136 RVI	RLL	B41888	KEM	TB	RZV	HY HD	FC FK	ZLU ZLH	KZM KZH KZG
NREHL	***	***	***	***	***	***	PT, PV PM	***	YXH	SXE EKY
NREJL	RVI	RUF RUL	B41890	KEM	***	RZV	UHE	FR EULFR	YXJ	KY KZG KZU
NREFL	***	***	***	***	***	***	PS, PV PF	***	YXF	KMF KMY
NREHW	151, RIH 152, RMH	***	***	***	***	***	***	***	BXA	***
NRBXS	***	***	***	TKK	TKK	***	UCA	***	BXC	KXG

## Radial Leaded Series

### General Purpose, Low ESR & Impedance, High Voltage Ballast Series

NIC Series	BC	Eina	Epacos	Jamicon	Leion	Nichicon	Panasonic	Rubycon	UCC
NR1*	157 PUMSI	LP3 LP4 LP5	B41303, B43303 B43501	LP	LS	LPW LPX	TS-UP TS-U	USP USR	SMH 82DA
NR1~W	159 PULSI	LPE, LPH LP6, LP3J	B41505, B43504 B43505	HP	LSG	LG6, LG9 LSU	TS-NH TS-HA	MXC MXR	KMH, KMV 81DA
NSTLW	088, PHC-ST 089, PHC-ST	086, PS-ST, 087 PS-ST, 012, RC-ST	B41456, B43455 B43456, B43986	RP	***	LNR LNK	EEGA	LSQ	U36D

## Snap-In and Screw Terminals

[www.niccomp.com](http://www.niccomp.com)

North America: (631) 396-7500

[sales@niccomp.com](mailto:sales@niccomp.com)

Europe: 44 1280 813 737

[niasales@niccomp.com](mailto:niasales@niccomp.com)

SE Asia: 65-6844 1575

[niasales@niccomp.com.sg](mailto:niasales@niccomp.com.sg)