



Issued: November 17th, 2022
SUB: EOL Notice

Product Type: Radial Leaded Aluminum Electrolytic Capacitors
NIC Series: NRE-HL Series
Product Specification: <http://www.niccomp.com/products/catalog/nrehl.pdf>

Notification: End of Life Notification

The following is notice of end of life for the NRE-HL series of radial leaded aluminum electrolytic capacitors. The end of life notification applies to all packaging and lead configurations, automotive and non-automotive parts.

Effective: November 17th, 2022

Last Order Date: For 6.3V ~ 50V parts 12/31/2024, for 63V ~ 100V parts 04/28/2023

Last Ship Date: For 6.3V ~ 50V parts 12/31/2025, for 63V ~ 100V parts 12/31/2023

Link to complete list of part numbers: [PART NUMBER LIST](#)

Reason for Discontinuation: Diminishing Demand

Discontinued Part Number	Cap.(uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL151M6.3V5X11_F	150	6.3	5X11	NRSH151M10V5x11_F	Higher Voltage
NRE-HL331M6.3V6.3X11_F	330	6.3	6.3X11	NRSH331M10V6.3x11_F	Higher Voltage
NRE-HL681M6.3V8X11.5_F	680	6.3	8X11.5	NRSH681M10V8x11.5_F	Higher Voltage
NRE-HL821M6.3V10X12.5_F	820	6.3	10X12.5	NRZJ821M10V10X12.5_F	Higher Voltage
NRE-HL102M6.3V8X16_F	1000	6.3	8X16	NRSH102M10V8x16_F	Higher Voltage
NRE-HL122M6.3V10X16_F	1200	6.3	10X16	NRSH122M6.3V10x12.5_F	Lower Profile
NRE-HL122M6.3V8X20_F	1200	6.3	8X20	NRSH122M6.3V8x16_F	Lower Profile
NRE-HL152M6.3V10X20_F	1500	6.3	10X20	NRSH152M10V10x16_F	Higher Voltage, Lower Profile
NRE-HL182M6.3V12.5X16_F	1800	6.3	12.5X16	NRSH182M6.3V10x16_F	Narrower Profile
NRE-HL222M6.3V10X23_F	2200	6.3	10X23	NRSH222M6.3V10x20_F	Lower Profile
NRE-HL272M6.3V10X28_F	2700	6.3	10X28	NRSH272M6.3V10x23_F	Lower Profile
NRE-HL272M6.3V16X16_F	2700	6.3	16X16	N/A	
NRE-HL332M6.3V12.5X20_F	3300	6.3	12.5X20	NRSH332M10V12.5x20_F	Higher Voltage
NRE-HL392M6.3V12.5X25_F	3900	6.3	12.5X25	NRSH392M6.3V12.5x20_F	Lower Profile
NRE-HL392M6.3V18X16_F	3900	6.3	18X16	N/A	
NRE-HL472M6.3V12.5X30_F	4700	6.3	12.5X30	NRSH472M10V12.5x30_F	Higher Voltage
NRE-HL562M6.3V12.5X35_F	5600	6.3	12.5X35	NRSH562M10V12.5x35_F	Higher Voltage
NRE-HL562M6.3V16X20_F	5600	6.3	16X20	NRZJ562M10V16X25_F	Higher Voltage, Higher Profile
NRE-HL682M6.3V12.5X40_F	6800	6.3	12.5X40	NRSH682M6.3V12.5x35_F	Lower Profile
NRE-HL682M6.3V16X25_F	6800	6.3	16X25	NRSH682M10V16x25_F	Higher Voltage
NRE-HL682M6.3V18X20_F	6800	6.3	18X20	NRSH682M6.3V16x20_F	Narrower Profile
NRE-HL822M6.3V16X31.5_F	8200	6.3	16X31.5	NRSH822M6.3V16x25_F	Lower Profile
NRE-HL103M6.3V16X35.5_F	10000	6.3	16X35.5	N/A	
NRE-HL103M6.3V18X25_F	10000	6.3	18X25	N/A	
NRE-HL123M6.3V16X40_F	12000	6.3	16X40	N/A	
NRE-HL123M6.3V18X31.5_F	12000	6.3	18X31.5	N/A	
NRE-HL153M6.3V18X35.5_F	15000	6.3	18X35.5	N/A	
NRE-HL183M6.3V18X40_F	18000	6.3	18X40	N/A	



Discontinued Part Number	Cap.(uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL101M10V5X11_F	100	10	5X11	NRSH101M16V5x11_F	
NRE-HL221M10V6.3X11_F	220	10	6.3X11	NRSH221M16V6.3x11_F	
NRE-HL471M10V8X11.5_F	470	10	8X11.5	NRSH471M16V8x11.5_F	
NRE-HL681M10V10X12.5_F	680	10	10X12.5	NRSH681M16V10x12.5_F	
NRE-HL681M10V8X16_F	680	10	8X16	NRSH681M10V8x11.5_F	Lower Profile
NRE-HL102M10V10X16_F	1000	10	10X16	NRSH102M10V10x12.5_F	Lower Profile
NRE-HL102M10V8X20_F	1000	10	8X20	NRSH102M10V8x16_F	Lower Profile
NRE-HL122M10V10X20_F	1200	10	10X20	NRZJ122M10V10X16_F	Lower Profile
NRE-HL152M10V10X23_F	1500	10	10X23	NRSH152M10V10x16_F	Lower Profile
NRE-HL152M10V12.5X16_F	1500	10	12.5X16	NRSH152M10V10x16_F	Narrower Profile
NRE-HL222M10V10X28_F	2200	10	10X28	NRSH222M10V10x23_F	Lower Profile
NRE-HL222M10V12.5X20_F	2200	10	12.5X20	NRSH222M16V12.5x20_F	
NRE-HL222M10V16X16_F	2200	10	16X16	NRZJ222M25V16X20_F	Higher Profile
NRE-HL272M10V18X16_F	2700	10	18X16	N/A	
NRE-HL332M10V12.5X25_F	3300	10	12.5X25	NRSH332M10V12.5x20_F	Lower Profile
NRE-HL392M10V12.5X30_F	3900	10	12.5X30	NRSH392M10V12.5x25_F	Lower Profile
NRE-HL392M10V16X20_F	3900	10	16X20	N/A	
NRE-HL472M10V12.5X35_F	4700	10	12.5X35	NRSH472M10V12.5x30_F	Lower Profile
NRE-HL562M10V12.5X40_F	5600	10	12.5X40	NRSH562M10V12.5x35_F	Lower Profile
NRE-HL562M10V16X25_F	5600	10	16X25	NRZJ562M10V16X25_F	
NRE-HL562M10V18X20_F	5600	10	18X20	NRZJ562M10V16X25_F	Narrower Profile
NRE-HL682M10V16X31.5_F	6800	10	16X31.5	NRSH682M10V16x25_F	Lower Profile
NRE-HL682M10V18X25_F	6800	10	18X25	NRSH682M10V16x25_F	Narrower Profile
NRE-HL822M10V16X35.5_F	8200	10	16X35.5	NRE-JL822M25V18X35.5_F	Wider Profile
NRE-HL822M10V18X31.5_F	8200	10	18X31.5	NRE-JL822M25V18X35.5_F	Higher Profile
NRE-HL103M10V16X40_F	10000	10	16X40	NRE-JL103M10V16X31.5_F	Lower Profile
NRE-HL103M10V18X35.5_F	10000	10	18X35.5	NRE-JL103M10V16X31.5_F	Narrower and Lower Profile
NRE-HL123M10V18X40_F	12000	10	18X40	N/A	
NRE-HL560M16V5X11_F	56	16	5X11	N/A	
NRE-HL121M16V6.3X11_F	120	16	6.3X11	N/A	
NRE-HL331M16V8X11.5_F	330	16	8X11.5	NRSH331M25V8x11.5_F	
NRE-HL471M16V10X12.5_F	470	16	10X12.5	NRSH471M25V10x12.5_F	
NRE-HL471M16V8X16_F	470	16	8X16	NRSH471M16V8x11.5_F	Lower Profile
NRE-HL681M16V10X16_F	680	16	10X16	NRSH681M16V10x12.5_F	Lower Profile
NRE-HL681M16V8X20_F	680	16	8X20	NRSH681M16V8x16_F	Lower Profile
NRE-HL102M16V10X20_F	1000	16	10X20	NRSH102M16V10x16_F	Lower Profile
NRE-HL102M16V12.5X16_F	1000	16	12.5X16	NRSH102M16V10x16_F	Narrower Profile
NRE-HL122M16V10X23_F	1200	16	10X23	NRZJ122M25V10X25_F	Higher Profile
NRE-HL152M16V10X28_F	1500	16	10X28	NRSH152M16V10x20_F	Lower Profile



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Discontinued Part Number	Cap. (uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL152M16V12.5X20_F	1500	16	12.5X20	NRSH152M16V10x20_F	Narrower Profile
NRE-HL152M16V16X16_F	1500	16	16X16	NRSH152M35V16x20_F	Higher Profile
NRE-HL222M16V12.5X25_F	2200	16	12.5X25	NRSH222M16V12.5x20_F	Lower Profile
NRE-HL222M16V18X16_F	2200	16	18X16	NRSH222M25V16x20_F	Narrower Profile
NRE-HL272M16V12.5X30_F	2700	16	12.5X30	NRSH272M16V12.5x25_F	Lower Profile
NRE-HL272M16V16X20_F	2700	16	16X20	NRSH222M25V16x20_F	
NRE-HL332M16V12.5X35_F	3300	16	12.5X35	NRSH332M16V12.5x30_F	Lower Profile
NRE-HL392M16V12.5X40_F	3900	16	12.5X40	NRSH332M16V12.5x30_F	Lower Profile
NRE-HL392M16V16X25_F	3900	16	16X25	N/A	
NRE-HL392M16V18X20_F	3900	16	18X20	N/A	
NRE-HL472M16V16X31.5_F	4700	16	16X31.5	NRSH472M16V16x25_F	Lower Profile
NRE-HL472M16V18X25_F	4700	16	18X25	NRSH472M16V16x25_F	Narrower Profile
NRE-HL562M16V16X35.5_F	5600	16	16X35.5	N/A	
NRE-HL562M16V18X31.5_F	5600	16	18X31.5	N/A	
NRE-HL682M16V16X40_F	6800	16	16X40	NRE-JL682M16V16X31.5_F	Lower Profile
NRE-HL822M16V18X35.5_F	8200	16	18X35.5	NRE-JL822M25V18X35.5_F	
NRE-HL103M16V18X40_F	10000	16	18X40	N/A	
NRE-HL470M25V5X11_F	47	25	5X11	NRE-JL470M25V5X11_F	
NRE-HL101M25V6.3X11_F	100	25	6.3X11	NRSH101M35V6.3x11_F	Higher Voltage
NRE-HL221M25V8X11.5_F	220	25	8X11.5	NRSH221M35V8x11.5_F	Higher Voltage
NRE-HL331M25V10X12.5_F	330	25	10X12.5	NRSH331M35V10x12.5_F	
NRE-HL331M25V8X16_F	330	25	8X16	NRSH331M25V8x11.5_F	Lower Profile
NRE-HL471M25V10X16_F	470	25	10X16	NRSH471M25V10x12.5_F	Lower Profile
NRE-HL471M25V8X20_F	470	25	8X20	NRB-XW471M35V8X30_F	Higher Profile
NRE-HL681M25V10X20_F	680	25	10X20	NRSH681M25V10x16_F	Lower Profile
NRE-HL681M25V12.5X16_F	680	25	12.5X16	NRSH681M25V10x16_F	Narrower Profile
NRE-HL821M25V10X23_F	820	25	10X23	NRSH821M25V10x20_F	Lower Profile
NRE-HL102M25V10X28_F	1000	25	10X28	NRSH102M25V10x23_F	Lower Profile
NRE-HL102M25V12.5X20_F	1000	25	12.5X20	NRSH102M25V10x23_F	Narrower and Lower Profile
NRE-HL102M25V16X16_F	1000	25	16X16	N/A	
NRE-HL122M25V18X16_F	1200	25	18X16	NRZJ122M50V16X20_F	Higher Profile
NRE-HL152M25V12.5X25_F	1500	25	12.5X25	NRSH152M25V12.5x20_F	Lower Profile
NRE-HL182M25V12.5X30_F	1800	25	12.5X30	NRSH182M25V12.5x25_F	Lower Profile
NRE-HL182M25V16X20_F	1800	25	16X20	NRZJ182M35V16X25_F	Higher Profile
NRE-HL222M25V12.5X35_F	2200	25	12.5X35	NRSH222M25V12.5x30_F	Lower Profile
NRE-HL222M25V18X20_F	2200	25	18X20	NRSH222M25V16x20_F	Narrower Profile
NRE-HL272M25V12.5X40_F	2700	25	12.5X40	NRSH272M25V12.5x35_F	Lower Profile
NRE-HL272M25V16X25_F	2700	25	16X25	NRZJ272M50V16X35.5_F	Higher Profile
NRE-HL332M25V16X31.5_F	3300	25	16X31.5	NRSH332M25V16x25_F	Lower Profile



Discontinued Part Number	Cap. (uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL332M25V18X25_F	3300	25	18X25	NRE-JL332M35V16X31.5_F	Higher Profile
NRE-HL392M25V16X35.5_F	3900	25	16X35.5	NRZJ392M50V18X40_F	Wider and Higher Profile
NRE-HL392M25V18X31.5_F	3900	25	18X31.5	NRZJ392M50V18X40_F	Higher Profile
NRE-HL472M25V16X40_F	4700	25	16X40	NRE-JL472M25V16X31.5_F	Lower Profile
NRE-HL472M25V18X35.5_F	4700	25	18X35.5	NRE-JL472M25V16X31.5_F	Narrower and Lower Profile
NRE-HL562M25V18X40_F	5600	25	18X40	N/A	
NRE-HL330M35V5X11_F	33	35	5X11	NRE-JL330M35V5X11_F	
NRE-HL560M35V6.3X11_F	56	35	6.3X11	NRZJ560M50V6.3X11_F	
NRE-HL151M35V8X11.5_F	150	35	8X11.5	N/A	
NRE-HL221M35V10X12.5_F	220	35	10X12.5	NRZJ221M50V10X12.5_F	
NRE-HL221M35V8X16_F	220	35	8X16	NRSH221M35V8x11.5_F	Lower Profile
NRE-HL271M35V8X20_F	270	35	8X20	NRSH271M35V8x16_F	Lower Profile
NRE-HL331M35V10X16_F	330	35	10X16	NRSH331M35V10x12.5_F	Lower Profile
NRE-HL471M35V10X20_F	470	35	10X20	NRSH471M35V10x16_F	Lower Profile
NRE-HL471M35V10X20TB_F	470	35	10X20TB	NRSH471M35V10x16TB_F	Lower Profile
NRE-HL471M35V12.5X16_F	470	35	12.5X16	NRSH471M35V10x16_F	Narrower Profile
NRE-HL561M35V10X23_F	560	35	10X23	NRSH561M35V10x20_F	Lower Profile
NRE-HL681M35V10X28_F	680	35	10X28	NRSH681M35V10x23_F	Lower Profile
NRE-HL681M35V12.5X20_F	680	35	12.5X20	NRSH681M35V10x23_F	Narrower and Higher Profile
NRE-HL681M35V16X16_F	680	35	16X16	N/A	
NRE-HL102M35V12.5X25_F	1000	35	12.5X25	NRSH102M35V12.5x20_F	Lower Profile
NRE-HL102M35V18X16_F	1000	35	18X16	NRE-JL102M50V16X25_F	Narrow and Higher Profile
NRE-HL122M35V12.5X30_F	1200	35	12.5X30	NRSH122M35V12.5x25_F	Lower Profile
NRE-HL122M35V16X20_F	1200	35	16X20	NRZJ122M50V16X20_F	
NRE-HL152M35V12.5X35_F	1500	35	12.5X35	NRSH152M35V12.5x30_F	Lower Profile
NRE-HL182M35V12.5X40_F	1800	35	12.5X40	NRSH182M35V12.5x35_F	Lower Profile
NRE-HL182M35V16X25_F	1800	35	16X25	NRSH182M63V16x40_F	higher Profile
NRE-HL182M35V18X20_F	1800	35	18X20	NRZJ182M35V16X25_F	Narrower and Higher Profile
NRE-HL222M35V16X31.5_F	2200	35	16X31.5	NRSH222M35V16x25_F	Lower Profile
NRE-HL222M35V18X25_F	2200	35	18X25	NRSH222M35V16x25_F	Narrower Profile
NRE-HL272M35V16X35.5_F	2700	35	16X35.5	NRZJ272M50V16X35.5_F	
NRE-HL272M35V18X31.5_F	2700	35	18X31.5	NRZJ272M50V18X31.5_F	
NRE-HL332M35V16X40_F	3300	35	16X40	NRE-JL332M35V16X31.5_F	Lower Profile
NRE-HL332M35V18X35.5_F	3300	35	18X35.5	NRE-JL332M35V16X31.5_F	Narrower and Lower Profile
NRE-HL392M35V18X40_F	3900	35	18X40	NRZJ392M50V18X40_F	
NRE-HL220M50V5X11_F	22	50	5X11	NRE-JL220M50V5X11_F	
NRE-HL560M50V6.3X11_F	56	50	6.3X11	NRSH560M50V6.3x11_F	
NRE-HL101M50V8X11.5_F	100	50	8X11.5	NRSH101M50V8x11.5_F	
NRE-HL121M50V8X16_F	120	50	8X16	NRSH121M50V8x16_F	



Discontinued Part Number	Cap.(uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL151M50V10X12.5_F	150	50	10X12.5	NRSH151M50V10x12.5_F	
NRE-HL181M50V8X20_F	180	50	8X20	NRSH181M50V8x20_F	
NRE-HL221M50V10X16_F	220	50	10X16	NRSH221M50V10x16_F	
NRE-HL271M50V10X20_F	270	50	10X20	NRSH271M50V10x20_F	
NRE-HL271M50V12.5X16_F	270	50	12.5X16	NRSH271M50V10x20_F	Narrower and Higher Profile
NRE-HL331M50V10X23_F	330	50	10X23	NRSH331M50V10x23_F	
NRE-HL471M50V10X28_F	470	50	10X28	NRZJ471M50V10X20_F	Lower Profile
NRE-HL471M50V12.5X20_F	470	50	12.5X20	NRSH471M50V12.5x20_F	
NRE-HL471M50V16X16_F	470	50	16X16	NRZJ471M80V16X20_F	higher Profile
NRE-HL561M50V12.5X25_F	560	50	12.5X25	NRSH561M50V12.5x25_F	
NRE-HL561M50V18X16_F	560	50	18X16	NRZJ561M63V16X20_F	Narrower Profile
NRE-HL681M50V12.5X30_F	680	50	12.5X30	NRSH681M50V12.5x30_F	
NRE-HL821M50V12.5X35_F	820	50	12.5X35	NRSH821M50V12.5x35_F	
NRE-HL821M50V16X20_F	820	50	16X20	NRSH821M50V16x20_F	
NRE-HL102M50V12.5X40_F	1000	50	12.5X40	NRZJ102M50V12.5X25_F	Lower Profile
NRE-HL102M50V16X25_F	1000	50	16X25	NRSH102M50V16x25_F	
NRE-HL102M50V18X20_F	1000	50	18X20	NRSH102M50V16x25_F	Narrower and Higher Profile
NRE-HL122M50V16X31.5_F	1200	50	16X31.5	NRSH122M63V16x31.5_F	
NRE-HL122M50V18X25_F	1200	50	18X25	NRSH122M63V18x25_F	
NRE-HL152M50V16X35.5_F	1500	50	16X35.5	NRSH152M63V16x35.5_F	
NRE-HL182M50V16X40_F	1800	50	16X40	NRSH182M63V16x40_F	
NRE-HL182M50V18X31.5_F	1800	50	18X31.5	NRZJ182M63V18X31.5_F	
NRE-HL222M50V18X35.5_F	2200	50	18X35.5	NRZJ222M63V18X35.5_F	
NRE-HL272M50V18X40_F	2700	50	18X40	NRZJ272M50V18X31.5_F	Lower Profile
NRE-HL332M50V18X40_F	3300	50	18X40	NRZJ332M50V18X35.5_F	Lower Profile
NRE-HL150M63V5X11_F	15	63	5X11	N/A	
NRE-HL330M63V6.3X11_F	33	63	6.3X11	NRE-JL330M63V6.3X11_F	
NRE-HL560M63V8X11.5_F	56	63	8X11.5	NRSH560M80V8x11.5_F	Higher Voltage
NRE-HL820M63V10X12.5_F	82	63	10X12.5	NRSH820M80V10x12.5_F	Higher Voltage
NRE-HL820M63V8X16_F	82	63	8X16	NRSH820M63V8x11.5_F	Lower Profile
NRE-HL121M63V10X16_F	120	63	10X16	NRSH121M63V10x12.5_F	Lower Profile
NRE-HL121M63V8X20_F	120	63	8X20	NRZJ121M63V8X16_F	Lower Profile
NRE-HL181M63V10X20_F	180	63	10X20	NRSH181M63V10x16_F	Lower Profile
NRE-HL181M63V12.5X16_F	180	63	12.5X16	NRSH181M80V12.5x16_F	Higher Voltage
NRE-HL221M63V10X23_F	220	63	10X23	NRSH221M80V10x23_F	Higher Voltage
NRE-HL271M63V10X28_F	270	63	10X28	NRZJ271M63V10X20_F	Lower Profile
NRE-HL271M63V12.5X20_F	270	63	12.5X20	NRSH271M63V12.5x16_F	Lower Profile
NRE-HL271M63V16X16_F	270	63	16X16	NRZJ271M100V16X20_F	Higher Voltage and Higher Profile
NRE-HL331M63V12.5X25_F	330	63	12.5X25	NRSH331M63V10x23_F	Narrower and Lower Profile



Discontinued Part Number	Cap. (uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL391M63V18X16_F	390	63	18X16	NRSH391M80V16x20_F	Higher Voltage, Narrower and Higher Profile
NRE-HL471M63V12.5X30_F	470	63	12.5X30	NRSH471M63V12.5x25_F	Lower Profile
NRE-HL471M63V16X20_F	470	63	16X20	NRZJ471M80V16X20_F	Higher Voltage
NRE-HL561M63V12.5X35_F	560	63	12.5X35	NRSH561M63V12.5x30_F	Lower Profile
NRE-HL561M63V16X25_F	560	63	16X25	NRSH561M63V16x20_F	Lower Profile
NRE-HL681M63V12.5X40_F	680	63	12.5X40	NRSH681M63V12.5x35_F	Lower Profile
NRE-HL681M63V18X20_F	680	63	18X20	NRZJ681M80V18X20_F	Higher Voltage
NRE-HL821M63V16X31.5_F	820	63	16X31.5	NRZJ821M80V16X31.5_F	Higher Voltage
NRE-HL821M63V18X25_F	820	63	18X25	NRSH821M63V18x20_F	Lower Profile
NRE-HL102M63V16X35.5_F	1000	63	16X35.5	NRZJ102M80V16X35.5_F	Higher Voltage
NRE-HL102M63V18X31.5_F	1000	63	18X31.5	NRZJ102M80V18X25_F	Higher Voltage, Lower Profile
NRE-HL122M63V16X40_F	1200	63	16X40	NRSH122M63V16x31.5_F	Lower Profile
NRE-HL122M63V18X35.5_F	1200	63	18X35.5	NRSH122M63V18x25_F	Lower Profile
NRE-HL152M63V18X40_F	1500	63	18X40	NRSH122M63V18x25_F	Lower Profile
NRE-HL6R8M100V5X11_F	6.8	100	5X11	NRSH8R2M100V5x11_F	Higher Capacitance
NRE-HL150M100V6.3X11_F	15	100	6.3X11	NRSH180M100V6.3x11_F	Higher Capacitance
NRE-HL270M100V8X11.5_F	27	100	8X11.5	NRSH330M100V8x11.5_F	Higher Capacitance
NRE-HL390M100V8X16_F	39	100	8X16	NRZJ470M100V8X16_F	Higher Capacitance
NRE-HL470M100V10X12.5_F	47	100	10X12.5	NRSH560M100V10x12.5_F	Higher Capacitance
NRE-HL560M100V8X20_F	56	100	8X20	NRSH680M100V8x20_F	Higher Capacitance
NRE-HL680M100V10X16_F	68	100	10X16	NRSH820M100V10x16_F	Higher Capacitance
NRE-HL820M100V10X20_F	82	100	10X20	NRSH820M100V10x16_F	Lower Profile
NRE-HL820M100V12.5X16_F	82	100	12.5X16	NRSH820M100V10x16_F	Narrower Profile
NRE-HL101M100V10X23_F	100	100	10X23	NRSH101M100V10x20_F	Lower Profile
NRE-HL121M100V10X28_F	120	100	10X28	NRSH121M100V10x23_F	Lower Profile
NRE-HL121M100V12.5X20_F	120	100	12.5X20	NRZJ121M100V12.5X16_F	Lower Profile
NRE-HL151M100V16X16_F	150	100	16X16	N/A	
NRE-HL181M100V12.5X25_F	180	100	12.5X25	NRZJ181M100V12.5X20_F	Lower Profile
NRE-HL181M100V18X16_F	180	100	18X16	NRZJ181M120V16X20_F	Narrower and Higher Profile
NRE-HL221M100V12.5X30_F	220	100	12.5X30	NRSH221M100V12.5x25_F	Lower Profile
NRE-HL221M100V16X20_F	220	100	16X20	NRB-XM221M160V16X25_F	Higher Voltage and Profile
NRE-HL271M100V12.5X35_F	270	100	12.5X35	NRSH271M100V12.5x30_F	Lower Profile
NRE-HL271M100V16X25_F	270	100	16X25	NRSH271M100V16x20_F	Lower Profile
NRE-HL331M100V12.5X40_F	330	100	12.5X40	NRSH331M100V12.5x35_F	Lower Profile
NRE-HL331M100V18X20_F	330	100	18X20	NRZJ331M100V16X20_F	Narrower Profile
NRE-HL391M100V16X31.5_F	390	100	16X31.5	NRSH391M100V16x25_F	Lower Profile
NRE-HL391M100V18X25_F	390	100	18X25	NRSH391M100V18x20_F	Lower Profile
NRE-HL471M100V16X35.5_F	470	100	16X35.5	NRSH471M100V16x31.5_F	Lower Profile
NRE-HL471M100V18X31.5_F	470	100	18X31.5	NRSH471M100V18x25_F	Lower Profile



Discontinued Part Number	Cap.(uF)	Voltage	Case Size	Possible Alternative	Comments
NRE-HL561M100V16X40_F	560	100	16X40	NRSH561M100V16x35.5_F	Lower Profile
NRE-HL681M100V18X35.5_F	680	100	18X35.5	NRSH681M100V18x35.5_F	
NRE-HL821M100V18X40_F	820	100	18X40	NRZJ821M100V18X35.5_F	Lower Profile

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