

FAX:+81-3-4221-4951



PHONE:+81-3-4221-4950

ELNA CO., LTD.

KYOBASHI EAST BLDG. 9F, 2-7-19, KYOBASHI, CHUO-KU, TOKYO, 104-0031, JAPAN

27. Mar. 2024

UA-4316(1/5)

Product Change Notification

ELNA will change of the Product marking.

Change from sleeve printing to case top printing without sleeve.

1 Part number and Description

(1) Part number

No.	ELNA PART NO		
	Discontinued products	Alternative Products	
	OLD ELNA PART NO	OLD ELNA PART NO	NEW ELNA PART NO
1	RVJ-16V471MH10U-R	RVR-16V471MH10U-R2	RSVVR471M1EFH0002U
2	RVJ-50V101MH10U-R	RVR-50V101MH10U-R2	RSVVR101M1UFH0002U
3	RVZ-35V151MH10U-R2	RVZ-35V151MH10EU-R2	RSVVZ151M1GFH0002EU

Please refer to the page 2 to 4 for comparison and details of discontinued products and alternative products.

2. Time Schedule

Last order : Current open PO only



Changed date: After finishing current open PO.

A handwritten signature in black ink, reading 'A. Oyama'.



A. Oyama

Engineering & Development sec. engineer



(2)-1. Description of change (RVJ-16V471MH10U-R)

	Discontinued products	Alternative Products																										
OLD ELNA PART NO	RVJ-16V471MH10U-R	RVR-16V471MH10U-R2																										
NEW ELNA PART NO	-----	RSVVR471M1EFH0002U																										
Case size	D10 x 10L (mm)																											
Electrical performance																												
Category temperature range (°C)	-55 to 105	-40 to 105																										
Rated voltage	16V																											
Rated capacitance (20°C,120Hz)	470uF																											
Tolerance of rated capacitance	-20% to +20%																											
Leakage current	Less than 76uA (16V, 20°C, after 2min)																											
Dissipation factor (tanD) at 20°C,120Hz	0.22 max	0.16 max																										
Rated ripple current	324mArms at 105°C,120Hz	484mArms at 105°C,120Hz																										
Endurance																												
Endurance	105°C, 2000 hours																											
Material																												
Case	Aluminum case	Laminated aluminum case																										
Vent (on the case top)	With vent (outer vent)	With vent (inner vent)																										
Sleeve	With sleeve	Without sleeve																										
Outline drawing																												
Outline photo (Example)																												
Product marking (Example)	<div><div>Manufacture's mark</div><div>Rated voltage</div><div>Rated capacitance tolerance code</div><div>Rated capacitance</div><div>Factory mark</div><div>Date code</div><div>Upper category temperature</div><div>Negative polarity</div></div> <div><div>ELNA</div><div>CE105°C</div><div>2412 (P)</div><div>00</div><div>16V (M)</div><div>470µF</div><div>16V(M)</div><div>470µF</div></div>	<div><div>Negative polarity</div><div>Manufacture's mark</div><div>Date code & Series code (R)</div><div>Rated capacitance</div><div>Rated voltage</div></div> <div><div>ELNA</div><div>4cR</div><div>470</div><div>16V</div></div> <div><div>Date code(Year and Month)</div><div>Year: Year end number (4=Year2024)</div><div>Month: Refer to the table below (c = Mar.)</div><div><table><tr><td>Month</td><td>Jan.</td><td>Feb.</td><td>Mar.</td><td>Apr.</td><td>May.</td><td>Jun.</td><td>Jul.</td><td>Aug.</td><td>Sep.</td><td>Oct.</td><td>Nov.</td><td>Dec.</td></tr><tr><td>Code</td><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td><td>i</td><td>j</td><td>k</td><td>l</td></tr></table></div></div>	Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Code	a	b	c	d	e	f	g	h	i	j	k	l
Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.																
Code	a	b	c	d	e	f	g	h	i	j	k	l																
Reel	Paper Reel	Plastic Reel																										

(2)-2. Description of change (RVJ-50V101MH10U-R)

	Discontinued products	Alternative Products																										
OLD ELNA PART NO	RVJ-50V101MH10U-R	RVR-50V101MH10U-R2																										
NEW ELNA PART NO	-----	RSVVR101M1UFH0002U																										
Case size	D10 x 10L (mm)																											
Electrical performance																												
Category temperature range (°C)	-55 to 105	-40 to 105																										
Rated voltage	50V																											
Rated capacitance (20°C,120Hz)	100uF																											
Tolerance of rated capacitance	-20% to +20%																											
Leakage current	Less than 50uA (50V, 20°C, after 2min)																											
Dissipation factor (tanD) at 20°C,120Hz	0.12 max																											
Rated ripple current	324mArms at 105°C,120Hz	262mArms at 105°C,120Hz																										
Endurance																												
Endurance	105°C, 2000 hours																											
Material																												
Case	Aluminum case	Laminated aluminum case																										
Vent (on the case top)	With vent (outer vent)	With vent (inner vent)																										
Sleeve	With sleeve	Without sleeve																										
Outline drawing																												
Outline photo (Example)																												
Product marking (Example)	<div><div>Manufacture's mark</div><div>ELNA</div><div>CE105°C</div><div>2412 (P)</div><div>Factory mark</div><div>Date code</div><div>Upper category temperature</div><div>Rated voltage</div><div>50V (M)</div><div>100μF</div><div>Rated capacitance tolerance code</div><div>50V(M)</div><div>100μF</div><div>Rated capacitance</div><div>Negative polarity</div></div>	<div><div>Negative polarity</div><div>Manufacture's mark</div><div>Date code & Series code (R)</div><div>Rated capacitance</div><div>Rated voltage</div><div>Date code (Year and Month)</div><div>Year: Year end number (4=Year2024)</div><div>Month: Refer to the table below (c = Mar.)</div><table><tr><td>Month</td><td>Jan.</td><td>Feb.</td><td>Mar.</td><td>Apr.</td><td>May.</td><td>Jun.</td><td>Jul.</td><td>Aug.</td><td>Sep.</td><td>Oct.</td><td>Nov.</td><td>Dec.</td></tr><tr><td>Code</td><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td><td>i</td><td>j</td><td>k</td><td>l</td></tr></table></div>	Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Code	a	b	c	d	e	f	g	h	i	j	k	l
Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.																
Code	a	b	c	d	e	f	g	h	i	j	k	l																
Reel	Paper Reel	Plastic Reel																										

(2)-3. Description of change (RVZ-35V151MH10U-R2)

	Discontinued products	Alternative Products																										
OLD ELNA PART NO	RVZ-35V151MH10U-R2	RVZ-35V151MH10EU-R2																										
NEW ELNA PART NO	-----	RSVZ151M1GFH0002EU																										
Case size	D10 x 10L (mm)																											
Electrical performance																												
Category temperature range (°C)	-55 to 105																											
Rated voltage	35V																											
Rated capacitance (20°C,120Hz)	150uF																											
Tolerance of rated capacitance	-20% to +20%																											
Leakage current	Less than 53uA (35V, 20°C, after 2min)																											
Dissipation factor (tanD) at 20°C,120Hz	0.14 max																											
ESR (20°C,100kHz)	0.1 ohm max																											
Rated ripple current	670mArms at 105°C,100kHz																											
Endurance																												
Endurance	105°C, 2000 hours																											
Material																												
Case	Aluminum case	Laminated aluminum case																										
Vent (on the case top)	With vent (outer vent)	With vent (inner vent)																										
Sleeve	With sleeve	Without sleeve																										
Outline drawing																												
Outline photo (Example)																												
Product marking (Example)	<div><div>Manufacture's mark</div><div>Rated voltage</div><div>Rated capacitance tolerance code</div><div>Rated capacitance</div><div>Rated voltage</div><div>Rated capacitance</div><div>Upper category temperature</div><div>Date code</div><div>Factory mark</div><div>Negative polarity</div></div> <div>ELNA CE105°Cz 2412 (P) 00 35V (M) 150µF 35V(M) 150µF</div>	<div><div>Negative polarity</div><div>Manufacture's mark</div><div>Date code & Series code (z)</div><div>Rated capacitance</div><div>Rated voltage</div></div> <div>ELNA 4cz 150 35V</div> <div>Date code(Year and Month) Year: Year end number (4=Year2024) Month: Refer to the table below (c = Mar.)</div> <table><tr><td>Month</td><td>Jan.</td><td>Feb.</td><td>Mar.</td><td>Apr.</td><td>May.</td><td>Jun.</td><td>Jul.</td><td>Aug.</td><td>Sep.</td><td>Oct.</td><td>Nov.</td><td>Dec.</td></tr><tr><td>Code</td><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td><td>f</td><td>g</td><td>h</td><td>i</td><td>j</td><td>k</td><td>l</td></tr></table>	Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Code	a	b	c	d	e	f	g	h	i	j	k	l
Month	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.																
Code	a	b	c	d	e	f	g	h	i	j	k	l																

3. Label example

(1) Example of OLD ELNA label

① Cust P/N: ..	④ Q'ty: 1000 PCS	⑤ DC: 2c
② NO PB/RoHS COMPLIANT	⑥ LOT NO: 2123C01AP	⑦ SIZE: 6.3 × 7.7
③ ELNA NO: RVZ-35V101MF80UQ-R2	⑧ 35 V 100 μF	⑨ MADE IN MALAYSIA
⑩ ELNA		⑪

①部品番号 Part No. ②環境対応 Correspond environmental ③製品記号 ELNA code No.
 ④数量 Quantity ⑤データコード Date code ⑥ロット番号 Lot number
 ⑦ケース寸法 Case size ⑧定格電圧 Rated voltage ⑨公称静電容量 Rated capacitance
 ⑩エルナーロゴ ELNA logo ⑪原産国 Country of origin

(2) Example of NEW ELNA label

① ELNA NO: RAVVZ101M1GDE7002U	⑤ QR Code
② Qty: 1000 pcs LOT NO: 2123C01AP	⑥ ←
③ ELNA RVZ-35V101MF80UQ-R2	⑦ DC: 2c
④ MADE IN MALAYSIA NO PB/RoHS COMPLIANT	⑧ ←
⑨ 9D: 2210	⑩ ←

⑪
Cust P/NO:

- | | |
|-------------------------------------|-------------------------------------|
| ①製品記号(新形名) ELNA code No. (New code) | ⑦データコード 1 Date code 1 |
| ②数量 Quantity | ⑧製品記号(旧形名) ELNA code No. (Old code) |
| ③エルナーロゴ ELNA logo | ⑨データコード 2 Date code 2 |
| ④原産国 Country of origin | ⑩環境対応 Correspond environmental |
| ⑤2次元コード 2D code | ⑪部品番号 Part No. |
| ⑥ロット番号 Lot number | |