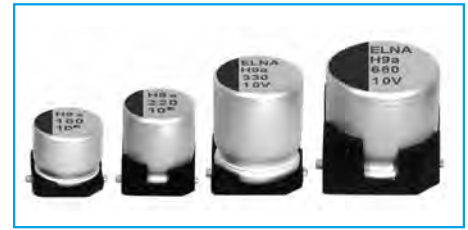
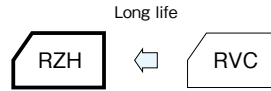


RZH, RMH VERTICAL CHIP TYPE ALUMINUM ELECTROLYTIC CAPACITORS **ELNA**

Chip Type 105°C Capacitors

GREEN CAP **SMD** **105°C 7000hours** **Anti-cleaning solvent**

- Compatible with surface mounting.
- Supplied with carrier taping.
- Guaranteed 7000 hours at 105°C.
($\phi 6.3 \times 5.8L$: 5000 hours)



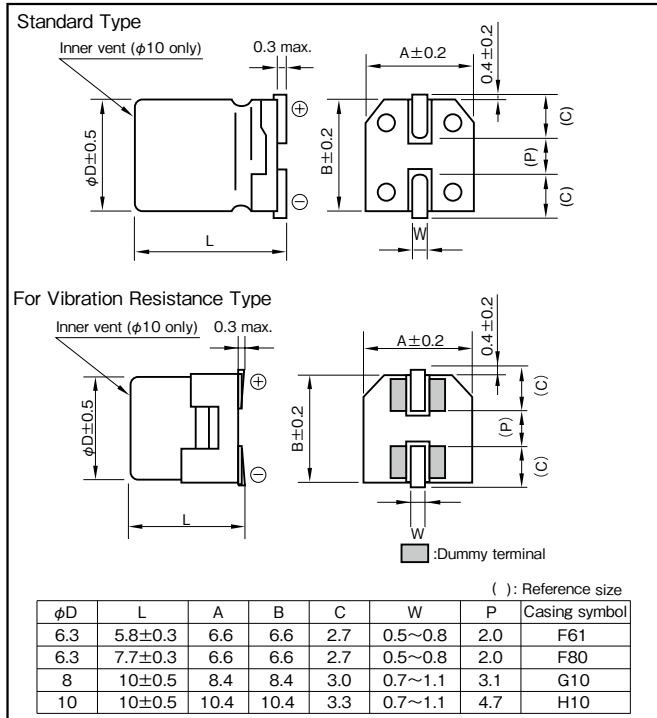
Marking color : Black print

Specifications

Item	Performance																													
Category temperature range (°C)	-55 to +105																													
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)																													
Leakage current (µA) (max.)	0.01CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (µF) ; V : Rated voltage (V) (20°C)																													
Tangent of loss angle (tanδ)	<table border="1"> <thead> <tr> <th>Rated voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> </tr> </thead> <tbody> <tr> <td>tanδ (max.)</td> <td>0.32</td> <td>0.28</td> <td>0.26</td> <td>0.16</td> <td>0.14</td> </tr> </tbody> </table> <p>(20°C, 120Hz)</p>	Rated voltage (V)	6.3	10	16	25	35	tanδ (max.)	0.32	0.28	0.26	0.16	0.14																	
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Characteristics at high and low temperature	<table border="1"> <thead> <tr> <th rowspan="3">Impedance ratio (max.)</th> <th colspan="5">Rated voltage (V)</th> </tr> <tr> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> </tr> </thead> <tbody> <tr> <td>Z-25°C/Z+20°C</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z-40°C/Z+20°C</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> <tr> <td>Z-55°C/Z+20°C</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </tbody> </table> <p>(120Hz)</p>	Impedance ratio (max.)	Rated voltage (V)					6.3	10	16	25	35	Z-25°C/Z+20°C	2	2	2	2	2	Z-40°C/Z+20°C	3	3	3	3	3	Z-55°C/Z+20°C	4	4	4	4	4
Impedance ratio (max.)	Rated voltage (V)																													
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Z-55°C/Z+20°C	4	4	4	4	4																									
Endurance (105°C) (Applied ripple current)	<table border="1"> <tbody> <tr> <td>Test time</td> <td>7000 hours ($\phi 6.3 \times 5.8L$: 5000 hours)</td> </tr> <tr> <td>Leakage current</td> <td>The initial specified value or less</td> </tr> <tr> <td>Percentage of capacitance change</td> <td>Within ±30% of initial value</td> </tr> <tr> <td>Tangent of the loss angle</td> <td>300% or less of the initial specified value</td> </tr> </tbody> </table>	Test time	7000 hours ($\phi 6.3 \times 5.8L$: 5000 hours)	Leakage current	The initial specified value or less	Percentage of capacitance change	Within ±30% of initial value	Tangent of the loss angle	300% or less of the initial specified value																					
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Tangent of the loss angle	300% or less of the initial specified value																													
Shelf life (105°C)	Test time : 1000 hours ; other items are the same as those for the endurance. Voltage application treatment : According to JIS C5101-4 4.1																													
Applicable standards	JIS C5101 - 1, - 18 (IEC 60384 - 1, - 18)																													

Outline Drawing

Unit : mm



Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	120	1k	10k	100k
Rated voltage (V)				
6.3 to 35	0.50	0.8	0.95	1

Part numbering system

Standard Type (example : 35V100µF)

RZH	—	35	V	101	M	F80	U	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol		Taping symbol

For Vibration Resistance Type (example : 35V330µF)

RMH	—	35	V	331	M	H10	U	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol		Taping symbol

Refer to individual page.

(Soldering conditions, Land pattern size, The taping specifications)

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.

RZH, RMH VERTICAL CHIP TYPE ALUMINUM ELECTROLYTIC CAPACITORS **ELNA**

Standard Ratings

Rated voltage(V) Rated capacitance(μF)	6.3				10				16				25				
	Item	Case φD×L (mm)	Casing symbol	ESR (Ω max.)	Rated ripple current (mA rms)	Case φD×L (mm)	Casing symbol	ESR (Ω max.)	Rated ripple current (mA rms)	Case φD×L (mm)	Casing symbol	ESR (Ω max.)	Rated ripple current (mA rms)	Case φD×L (mm)	Casing symbol	ESR (Ω max.)	Rated ripple current (mA rms)
33	—	—	—	—	—	—	—	—	—	—	—	—	—	6.3×5.8	F61	1.10	140
47	—	—	—	—	—	—	—	—	—	6.3×5.8	F61	1.10	140	6.3×5.8	F61	1.10	140
100	6.3×5.8	F61	1.10	140	6.3×5.8	F61	1.10	140	6.3×5.8	F61	1.10	140	6.3×7.7	F80	1.00	230	
150	6.3×5.8	F61	1.10	140	6.3×5.8	F61	1.10	140	6.3×5.8	F61	1.10	140	8×10	G10	0.22	600	
220	6.3×7.7	F80	1.00	230	6.3×7.7	F80	1.00	230	6.3×7.7	F80	1.00	230	8×10	G10	0.22	600	
330	6.3×7.7	F80	1.00	230	8×10	G10	0.22	600	8×10	G10	0.22	600	8×10	G10	0.22	600	
470	8×10	G10	0.22	600	8×10	G10	0.22	600	8×10	G10	0.22	600	8×10	G10	0.22	600	
										10×10	H10	0.16	850	10×10	H10	0.16	850
680	10×10	H10	0.16	850	10×10	H10	0.16	850	10×10	H10	0.16	850	—	—	—	—	
1000	10×10	H10	0.16	850	—	—	—	—	—	—	—	—	—	—	—	—	

Rated voltage(V) Rated capacitance(μF)	35			
	Item	Case φD×L (mm)	Casing symbol	ESR (Ω max.)
22	6.3×5.8	F61	1.10	140
33	6.3×5.8	F61	1.10	140
	6.3×7.7	F80	1.00	230
47	6.3×7.7	F80	1.00	230
100	6.3×7.7	F80	1.00	230
150	8×10	G10	0.22	600
220	8×10	G10	0.22	600
330	10×10	H10	0.16	850

(Note) Rated ripple current : 105°C , 100kHz ; ESR : 20°C , 100kHz