

## REA Series

### Features

- 85°C, 2,000 ~ 3,000 hours assured
- Standard series for general purposes
- RoHS Compliance

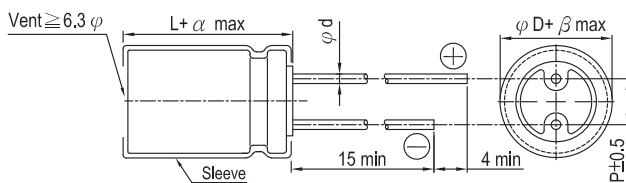


Sleeve & Marking Color: Blue & Black

### Specifications

Items	Performance																																																																		
Category Temperature Range	-40°C ~ +85°C																																																																		
Capacitance Tolerance	±20% (at 120Hz, 20°C)																																																																		
Leakage Current (at 20°C)	<table border="1"> <tr> <td>Rated voltage</td> <td>≤ 100V</td> <td>&gt; 100V</td> </tr> <tr> <td>Time</td> <td>after 2 minutes</td> <td>after 5 minutes</td> </tr> <tr> <td>Leakage Current</td> <td>I = 0.01CV or 3 (μA) whichever is greater</td> <td>CV ≤ 1,000 I = 0.03CV + 15(μA) CV &gt; 1,000 I = 0.02CV + 25(μA)</td> </tr> </table> <p>Where, C = rated capacitance in μF V = rated DC working voltage in V</p>	Rated voltage	≤ 100V	> 100V	Time	after 2 minutes	after 5 minutes	Leakage Current	I = 0.01CV or 3 (μA) whichever is greater	CV ≤ 1,000 I = 0.03CV + 15(μA) CV > 1,000 I = 0.02CV + 25(μA)																																																									
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Tanδ (at 120 Hz, 20°C)	<table border="1"> <tr> <td>Rated Voltage</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> <td>160</td> <td>200</td> <td>250</td> <td>350</td> <td>400</td> <td>450</td> </tr> <tr> <td>Tanδ (max)</td> <td>0.23</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> <td>0.12</td> <td>0.14</td> <td>0.17</td> <td>0.20</td> <td>0.25</td> <td>0.25</td> </tr> </table> <p>When the capacitance exceeds 1,000μF, 0.02 shall be added every 1,000μF increase.</p>	Rated Voltage	6.3	10	16	25	35	50	63	100	160	200	250	350	400	450	Tanδ (max)	0.23	0.20	0.16	0.14	0.12	0.10	0.09	0.08	0.12	0.14	0.17	0.20	0.25	0.25																																				
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Low Temperature Characteristics (at 120Hz)	<p>Impedance ratio shall not exceed the values given in the table below.</p> <table border="1"> <tr> <td colspan="2">Rated Voltage</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> <td>160</td> <td>200</td> <td>250</td> <td>350</td> <td>400</td> <td>450</td> </tr> <tr> <td rowspan="4">Impedance Ratio</td> <td>Z(-25°C)</td> <td>φD &lt; 16</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td rowspan="2">3</td> <td rowspan="2">6</td> <td rowspan="2">8</td> <td rowspan="2">12</td> <td rowspan="2">14</td> <td rowspan="2">16</td> </tr> <tr> <td>/Z(+20°C)</td> <td>φD ≥ 16</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> <tr> <td>Z(-40°C)</td> <td>φD &lt; 16</td> <td>10</td> <td>8</td> <td>6</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td rowspan="2">4</td> <td rowspan="2">8</td> <td rowspan="2">10</td> <td rowspan="2">16</td> <td rowspan="2">18</td> <td rowspan="2">20</td> </tr> <tr> <td>/Z(+20°C)</td> <td>φD ≥ 16</td> <td>18</td> <td>16</td> <td>12</td> <td>10</td> <td>8</td> <td>8</td> <td>6</td> <td>6</td> </tr> </table>	Rated Voltage		6.3	10	16	25	35	50	63	100	160	200	250	350	400	450	Impedance Ratio	Z(-25°C)	φD < 16	6	4	3	3	2	2	2	3	6	8	12	14	16	/Z(+20°C)	φD ≥ 16	8	6	4	4	3	3	3	Z(-40°C)	φD < 16	10	8	6	6	4	3	3	4	8	10	16	18	20	/Z(+20°C)	φD ≥ 16	18	16	12	10	8	8	6	6
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Endurance	<table border="1"> <tr> <td>Test Time</td> <td>2,000 Hrs for φD ≤ 8mm 3,000 Hrs for φD ≥ 10mm</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±20% of initial value</td> </tr> <tr> <td>Tanδ</td> <td>Less than 200% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> </tr> </table> <p>* The above specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied with rated ripple current for 2,000 / 3,000 hours at 85°C.</p>	Test Time	2,000 Hrs for φD ≤ 8mm 3,000 Hrs for φD ≥ 10mm	Capacitance Change	Within ±20% of initial value	Tanδ	Less than 200% of specified value	Leakage Current	Within specified value																																																										
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Shelf Life Test	<table border="1"> <tr> <td>Test Time</td> <td>1,000 Hrs</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ±20% of initial value</td> </tr> <tr> <td>Tanδ</td> <td>Less than 200% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> </tr> </table> <p>* The above specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied. The rated voltage shall be applied to the capacitors before the measurements for 160 ~ 450V (Refer to JIS C 5101-4 4.1).</p>	Test Time	1,000 Hrs	Capacitance Change	Within ±20% of initial value	Tanδ	Less than 200% of specified value	Leakage Current	Within specified value																																																										
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Ripple Current & Frequency Multipliers	<table border="1"> <tr> <td></td> <td>Freq. (Hz)</td> <td>60 (50)</td> <td>120</td> <td>500</td> <td>1k</td> <td>10k up</td> </tr> <tr> <td rowspan="3">Cap. (μF)</td> <td>Under 100</td> <td>0.70</td> <td>1.00</td> <td>1.30</td> <td>1.40</td> <td>1.50</td> </tr> <tr> <td>100 &lt; C ≤ 1,000</td> <td>0.75</td> <td>1.00</td> <td>1.20</td> <td>1.30</td> <td>1.35</td> </tr> <tr> <td>1,000 up above</td> <td>0.80</td> <td>1.00</td> <td>1.10</td> <td>1.12</td> <td>1.15</td> </tr> </table>		Freq. (Hz)	60 (50)	120	500	1k	10k up	Cap. (μF)	Under 100	0.70	1.00	1.30	1.40	1.50	100 < C ≤ 1,000	0.75	1.00	1.20	1.30	1.35	1,000 up above	0.80	1.00	1.10	1.12	1.15																																								
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### Diagram of Dimensions

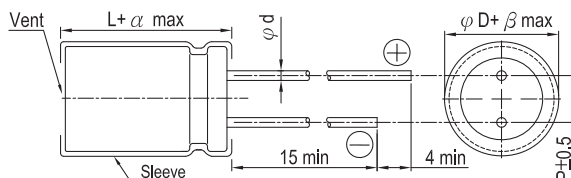


### Lead Spacing and Diameter

Unit: mm

φD	5	6.3	8	10	12.5	16	18	22	25
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10	12.5
φd	0.5		0.6			0.8		1.0	
α	L < 20: 1.5, L ≥ 20: 2.0								2.0
β	0.5								

The case size of 12.5×16, 16×16, 16×20, 18×16, 18×20 and 18×25 are suitable for below diagram:



All product specifications in the catalog are subject to change without notice. (CAT. 2016E1)



Dimension:  $\phi D \times L$ (mm)

Ripple Current: mA/rms at 120 Hz, 85°C

Dimension & Permissible Ripple Current

$\mu F$	V. DC Contents	6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)		63V (1J)		100V (2A)	
		$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA
2.2	2R2											5×11	29			5×11	33
3.3	3R3											5×11	35			5×11	40
4.7	4R7											5×11	42			5×11	48
10	100											5×11	65	5×11	70	5×11	59
22	220											5×11	95	6.3×11	115	6.3×11	115
33	330									5×11	108	6.3×11	136	6.3×11	140	8×11.5	145
47	470							5×11	115	5×11	130	6.3×11	165	6.3×11	170	10×12.5	235
100	101					5×11	160	6.3×11	190	6.3×11	210	8×11.5	260	8×11.5	245	10×16	325
220	221			5×11	220	6.3×11	260	8×11.5	320	8×11.5	385	10×12.5	455	10×16	490	12.5×20	640
330	331			6.3×11	290	6.3×11	290	8×11.5	440	10×12.5	490	10×16	585	10×20	710	16×20	695
470	471			6.3×11	350	8×11.5	440	10×12.5	545	10×16	740	10×20	755	12.5×16	910	16×25	910
1,000	102	8×11.5	540	10×12.5	650	10×12.5	635	10×20	955	12.5×20	1,145	12.5×25	1,340	12.5×25	1,340	16×20	1,820
2,200	222	10×16	845	10×20	1,070	12.5×16	930	12.5×25	1,540	16×16	1,010	16×20	1,160	16×20	1,260	18×40	
3,300	332	10×20	1,185	12.5×20	1,420	12.5×20	1,450	16×20	1,490	16×31.5	2,070	18×25	1,970	18×35.5	2,500	18×40	
4,700	472	12.5×20	1,545	12.5×25	1,780	16×16	1,420	16×20	1,600	16×25	2,100	18×25	2,170	18×35.5	2,700	22×40	
6,800	682	12.5×25	1,880	16×20	1,700	16×25	2,280	16×35.5	2,475	18×20	1,890	18×31.5	2,550	22×40	2,900	22×45	
10,000	103	16×20	2,000	16×25	2,150	18×31.5	2,590	18×40	3,080	22×45	3,400						
15,000	153	16×31.5	2,460	16×40	2,730	18×40	3,100	22×45	3,780	25×40	3,850						
22,000	223	18×31.5	2,780	18×40	3,370	22×40	3,900	25×45	4,290								
33,000	333	22×40	3,700														

$\mu F$	V. DC Contents	160V (2C)		200V (2D)		250V (2E)		350V (2V)		400V (2G)		450V (2W)	
		$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA	$\phi D \times L$	mA
1	010					5×11	18	5×11	18	5×11	22	6.3×11	25
2.2	2R2			5×11	29	6.3×11	33	6.3×11	33	6.3×11	33	8×11.5	45
3.3	3R3			6.3×11	46	6.3×11	46	8×11.5	50	8×11.5	50	10×12.5	65
4.7	4R7			6.3×11	50	8×11.5	55	8×11.5	60	8×11.5	55	8×11.5	55
10	100	8×11.5	75	8×11.5	81	10×12.5	100	10×16	110	10×16	110	10×20	140
22	220	10×12.5	130	10×12.5	135	10×16	150	12.5×16	185	12.5×20	200	12.5×20	200
33	330	10×16	175	10×16	180	10×20	215	12.5×20	245	16×16	260	16×20	270
47	470	10×20	230	10×20	240	12.5×20	290	16×20	340	16×20	340	16×31.5	390
68	680	12.5×20	330	12.5×20	330	12.5×25	370	16×25	420	16×31.5	435	16×35.5	460
100	101	12.5×25	440	16×20	460	16×25	510	16×31.5	540	16×40	560	18×35.5	570
150	151	16×25	620	16×25	620	16×31.5	625	18×35.5	640	18×40	670	22×45	800
220	221	16×31.5	790	16×35.5	830	16×40	840	22×40	920	22×45	960	25×45	1,030
330	331	18×35.5	985	18×40	1,150	22×40	1,200	25×45	1,270				
470	471	18×40	1,150	22×40	1,400	22×45	1,470						

Part Numbering System

REA series 470 $\mu F$   $\pm 20\%$  16V Bulk Package Gas Type 8  $\phi \times 11.5L$  Pb-free and PET sleeve

**REA**    **471**    **M**    **1C**    **BK**    -    **0811**

Series    Capacitance    Capacitance Tolerance    Rated Voltage    Lead Configuration & Package    Rubber Type    Case Size    Lead Wire and Sleeve type

Note: For more details, please refer to "Part Numbering System (Radial Type)" on page 11.

Radial



## Part Numbering System (Radial Type)

### Product Code Guide

REA series	10 $\mu$ F	$\pm$ 20%	50V	Lead Forming Tape	Gas Type	5 $\phi$ × 11L	Pb-free Wire + PET Sleeve	
<b>REA</b>	<b>100</b>	<b>M</b>	<b>1H</b>	<b>TA</b>	-	<b>0511</b>		
□□□	□□□	□	□□	□□	□	□□□□	□	□
①	②	③	④	⑤	⑥	⑦	⑧	⑨
Series	Capacitance	Capacitance Tolerance	Rated Voltage	Lead Configuration & Package	Rubber Type	Case Size	Lead Wire and Sleeve Type	Supplement Code

**① Series:**

Series is represented by a three-letter code. When the series name only has two letters, use a hyphen, "-", to fill the third blank. When the series name has 4 letters, use the following series codes. OCRZ→ORZ; OCRK→ORK; OCRU→ORU

**② Capacitance:**

Capacitance in  $\mu$ F is represented by a three-digit code. The first two digits are significant and the third digit indicates the number of zeros following the significant figure. "R" represents the decimal point for capacitance under 10 $\mu$ F. Example:

Capacitance	0.1	0.47	1	4.7	10	47	100	470	1,000	4,700	10,000
Part number	0R1	R47	010	4R7	100	470	101	471	102	472	103

**③ Tolerance:**

J = -5% ~ +5%	K = -10% ~ +10%	M = -20% ~ +20%	V = -10% ~ +20%
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**④ Rated voltage:**

Rated voltage in volts (V) is represented by a two-digit code.

Voltage (WV)	2.5	4	6.3	10	16	20	25	35	50	63	80	100
Code	0E	0G	0J	1A	1C	1D	1E	1V	1H	1J	1K	2A
Voltage (WV)	160	200	250	315	350	400	420	450	500	525		
Code	2C	2D	2E	2F	2V	2G	2P	2W	2H	2Y		

**⑤ Lead configuration and package (Please refer to page 18 ~ 20):**

BK = Bulk Package	TA = Formed Lead Taping
FC = Formed & Cut Lead	SA = Straight Lead Taping
CC = Cut Lead	SD = Bent Cathode Lead
SF = Snap-in & Formed Cut Lead	BC = Bent & Cut Lead (Leads in Right Direction)
SC = Snap-in & Cut Lead	BU = Bent & Cut Lead (Leads in Left Direction)

**⑥ Rubber type:**

- = Gas escape type	F = Flat rubber bung
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Note: Meeting one of the below description which used flat rubber bung is the standard design, use a hyphen, "-":

1. Aluminum e-caps for case sizes of 3 $\phi$  × 5L, 12.5 $\phi$  × 16L, 16 $\phi$  × 16L, 16 $\phi$  × 20L, 18 $\phi$  × 16L, 18 $\phi$  × 20L, 18 $\phi$  × 25L;
2. OP-CAP for case sizes of 5 $\phi$ , 6.3 $\phi$  × 6 ~ 8L and 8 $\phi$  × 8L in OCRZ, ORE, OCRK series;
3. Hybrid aluminum e-caps.



## Part Numbering System (Radial Type)

### ⑦ Case size:

The first two digits indicate case diameter and the last two digits indicate case length in mm.

$\phi$ D×L	3×5	4×5	4×7	5×5	5×7	5×8	5×11	6.3×5	6.3×5.5	6.3×6 6.3×6.5	6.3×7
Code	<b>0305</b>	<b>0405</b>	<b>0407</b>	<b>0505</b>	<b>0507</b>	<b>0508*</b>	<b>0511</b>	<b>0605</b>	<b>0605*</b>	<b>0606*</b>	<b>0607</b>
$\phi$ D×L	6.3×8	6.3×11	6.3×15	8×5	8×6.5	8×7	8×8	8×9	8×10	8×11.5	8×12
Code	<b>0608*</b>	<b>0611</b>	<b>0615</b>	<b>0805</b>	<b>0807*</b>	<b>0807</b>	<b>0808*</b>	<b>0809</b>	<b>0810*</b>	<b>0811</b>	<b>0812*</b>
$\phi$ D×L	8×15	8×20	10×9	10×10	10×12.5 10×12*	10×16	10×20	10×25	10×30	10×35	10×40
Code	<b>0815</b>	<b>0820</b>	<b>1009</b>	<b>1010*</b>	<b>1012</b>	<b>1016</b>	<b>1020</b>	<b>1025</b>	<b>1030</b>	<b>1035</b>	<b>1040</b>
$\phi$ D×L	10×45	10×50	12.5×16	12.5×20	12.5×25	12.5×30	12.5×35	12.5×40	12.5×45	12.5×50	16×16
Code	<b>1045</b>	<b>1050</b>	<b>1316</b>	<b>1320</b>	<b>1325</b>	<b>1330</b>	<b>1335</b>	<b>1340</b>	<b>1345</b>	<b>1350</b>	<b>1616</b>
$\phi$ D×L	16×20	16×25	16×31.5	16×35.5	16×40	16×45	16×50	18×16	18×20	18×25	18×31.5
Code	<b>1620</b>	<b>1625</b>	<b>1632</b>	<b>1636</b>	<b>1640</b>	<b>1645</b>	<b>1650</b>	<b>1816</b>	<b>1820</b>	<b>1825</b>	<b>1832</b>
$\phi$ D×L	18×35.5	18×40	18×45	18×50	20×30	20×35	22×35	22×40	22×45	25×40	25×45
Code	<b>1836</b>	<b>1840</b>	<b>1845</b>	<b>1850</b>	<b>2030</b>	<b>2035</b>	<b>2235</b>	<b>2240</b>	<b>2245</b>	<b>2540</b>	<b>2545</b>

Note: 1. Size & size codes with a mark of "\*" are for OP-CAP.

2. When a case size is required and not shown in the table, please contact with us for further discussion.

### ⑧ Lead wire and sleeve type:

None = Standard design Pb-free wire + PET sleeve (aluminum e-cap) Pb-free wire + Coating case (OP-CAP)	G = Pb-free wire + Black PET sleeve (for RGA & SG series only)
B = Sn-Bi wire + PET sleeve	T = Sn-Pb wire + PET sleeve
K / L = Automotive control code	

\* When a supplement code following a blank digit code of lead wire and sleeve type (standard design), use a hyphen, " - ", to fill the blank digit.

\* When the automotive control code is required, please contact with us for further discussion.

### ⑨ Supplement code (Optional):

For special control purposes

## Part Numbering System (SMD Type)

### Product Code Guide

VE series	10 $\mu$ F	$\pm$ 20%	16V	Carrier Tape		4 $\phi$ $\times$ 5.3L	Pb-free and PET coating case	
<b>VE-</b>	<b>100</b>	<b>M</b>	<b>1C</b>	<b>TR</b>	-	<b>0405</b>		
□□□	□□□	□	□□	□□	□	□□□□	□	
①	②	③	④	⑤	⑥	⑦	⑧	⑨
Series	Capacitance	Capacitance Tolerance	Rated Voltage	Package Type	Terminal Type	Case size	Lead Wire and Coating Type	Supplement Code

#### ① Series:

Series is represented by a three-letter code. When the series name only has two letters, use a hyphen, “-”, to fill the third blank. When the series name has 4 letters, use the following series codes. OCVZ→OVZ; OCVU→OVU

#### ② ~ ④: Please refer to **Part Numbering System (Radial Type)**

#### ⑤ Package:

TR	Reel package
T-	Tray package for case diameter 12.5 ~ 18mm

#### ⑥ Terminal:

-	No dummy terminal
A	For automotive application (10G)
K	Anti-vibration structure (30G)
G	Anti-vibration structure (50G)

#### ⑦ Case size:

The first two digits indicate case diameter and the last two digits indicate case length in mm.

$\phi$ D $\times$ L	3 $\times$ 5.3	4 $\times$ 4.5	4 $\times$ 5.3	4 $\times$ 5.7	5 $\times$ 4.5	5 $\times$ 5.3	5 $\times$ 5.7 5 $\times$ 5.8	5 $\times$ 5.9	6.3 $\times$ 4.4* 6.3 $\times$ 4.5	6.3 $\times$ 5.3
<b>Code</b>	<b>0305</b>	<b>0404</b>	<b>0405</b>	<b>0406</b>	<b>0504</b>	<b>0505</b>	<b>0506</b>	<b>0506*</b>	<b>0604</b>	<b>0605</b>
$\phi$ D $\times$ L	6.3 $\times$ 5.7 6.3 $\times$ 5.8	6.3 $\times$ 5.9	6.3 $\times$ 7.0	6.3 $\times$ 7.7	8 $\times$ 6.5	8 $\times$ 6.7	8 $\times$ 10	8 $\times$ 12	10 $\times$ 7.7	10 $\times$ 10 10 $\times$ 9.9*
<b>Code</b>	<b>0606</b>	<b>0606*</b>	<b>0607*</b>	<b>0607</b> <b>0608*</b>	<b>0806</b>	<b>0807*</b>	<b>0810</b>	<b>0812*</b>	<b>1008</b>	<b>1010</b>
$\phi$ D $\times$ L	10 $\times$ 12.6	12.5 $\times$ 13.5	12.5 $\times$ 16	16 $\times$ 16.5	16 $\times$ 21.5	18 $\times$ 16.5	18 $\times$ 21.5			
<b>Code</b>	<b>1013*</b>	<b>1313</b>	<b>1316</b>	<b>1616</b>	<b>1621</b>	<b>1816</b>	<b>1821</b>			

Note: 1. Size codes with a mark of “\*” are used for OP-CAP only.

2. When a case size is required and not shown in the table, please contact with us for further discussion.

3. The case size “5 $\times$ 5.8, 6.3 $\times$ 5.8” is for VZS series only.

#### ⑧ Lead wire and case coating type:

None = Pb free wire + PET coated case (Standard design)	E = Sn-Bi wire + PET coated case
B = Sn-Bi wire + coating case	K / L = Automotive control code

\* When a supplement code following a blank digit code of lead wire and case coating type (standard design), use a hyphen, “-”, to fill the blank digit.

\* When the automotive control code is required, please contact with us for further discussion.

#### ⑨ Supplement code (Optional):

For special control purposes

## Part Numbering System (Snap-in Type)

### Product Code Guide

LS Series	100μF	±20%	400V	3-pin Terminal	Terminal Length 4.0mm	22 φ ×30L	Pb-free Terminal + PET Sleeve	
<b>LS-</b>	<b>101</b>	<b>M</b>	<b>2G</b>	<b>L3</b>	<b>A</b>	<b>2230</b>		
□□□	□□□	□	□□	□□	□	□□□□	□	□
①	②	③	④	⑤	⑥	⑦	⑧	⑨
Series	Capacitance	Capacitance Tolerance	Rated Voltage	Terminal Type	Terminal Length	Case Size	Terminal and Sleeve Type	Supplement Code

⑤ - ④: Please Refer to **Part Numbering System (Radial Type)**

#### ⑤ Terminal type (Refer to page 22):

Terminal type(pins)	2 (Standard)	3		4	5	Vibration-resistant	Horizontal Mounting	
Terminal code	--	L3	S3	L4	L5	T2	H2	G2

#### ⑥ Terminal length:

Terminal length(mm)	4.0	6.3
Terminal code	A	-

#### ⑦ Case Size:

The first two digits indicate case diameter in mm. The last two digits indicate case length in mm.

φ D×L	20×20	20×25	20×30	20×35	20×40	20×45	20×50	22×25	22×30	22×35	22×40
Code	<b>2020</b>	<b>2025</b>	<b>2030</b>	<b>2035</b>	<b>2040</b>	<b>2045</b>	<b>2050</b>	<b>2225</b>	<b>2230</b>	<b>2235</b>	<b>2240</b>
φ D×L	22×45	22×50	25×25	25×30	25×35	25×40	25×45	25×50	30×25	30×30	30×35
Code	<b>2245</b>	<b>2250</b>	<b>2525</b>	<b>2530</b>	<b>2535</b>	<b>2540</b>	<b>2545</b>	<b>2550</b>	<b>3025</b>	<b>3030</b>	<b>3035</b>
φ D×L	30×40	30×45	30×50	35×25	35×30	35×35	35×40	35×45	35×50	35×60	35×70
Code	<b>3040</b>	<b>3045</b>	<b>3050</b>	<b>3525</b>	<b>3530</b>	<b>3535</b>	<b>3540</b>	<b>3545</b>	<b>3550</b>	<b>3560</b>	<b>3570</b>
φ D×L	35×80	35×90	35×100	40×40	40×45	40×50	40×60	40×70	40×80	40×90	40×100
Code	<b>3580</b>	<b>3590</b>	<b>35A0</b>	<b>4040</b>	<b>4045</b>	<b>4050</b>	<b>4060</b>	<b>4070</b>	<b>4080</b>	<b>4090</b>	<b>40A0</b>

Note: When a case size is required and not shown in the table, please contact with us for further discussion.

#### ⑧ Terminal and sleeve type

None = Pb free terminal + PET sleeve (Standard design)
R = Pb free terminal + PET sleeve + Rilled
N = Pb free terminal + PET sleeve + No bottom insulation
L = Pb free terminal + PET sleeve + No bottom insulation +Rilled

\* When a supplement code following a blank digit code of terminal and sleeve type (standard design), use a hyphen, " - ", to fill the blank digit.

\* When the bottom insulation plate is not required or a rilled construction is necessary, please consult Lelon.

#### ⑨ Supplement code (Optional):

For special control purposes

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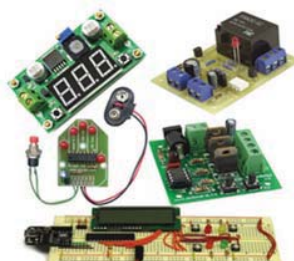
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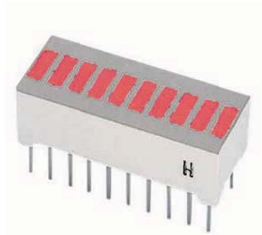
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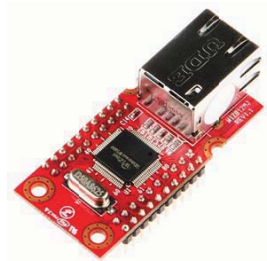
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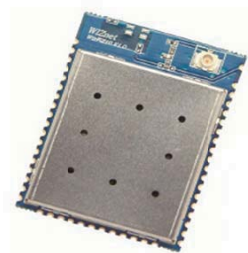
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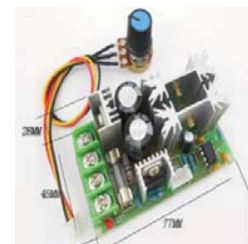
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