

Part Numbering System (Radial Type)

Product Code Guide

| | | | | | | | | |
|--|--|-----------------------|---|---|----------------------|---|---------------------------|----------------------|
| REA series | 10 μ F | \pm 20% | 50V | Lead Forming Tape | Gas Type | 5 ϕ \times 11L | Pb-free Wire + PET Sleeve | |
| REA | 100 | M | 1H | TA | - | 0511 | | S |
| <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> | <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 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 |

Product Guide

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 μ 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 μ 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% |
|---------------|-----------------|-----------------|-----------------|

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 20 ~ 22):

| | |
|--------------------------------|---|
| 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 |
|---------------------|----------------------|

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

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⑦ Case size:

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

| | | | | | | | | | | | |
|------------|---------|---------|--------|---------|---------|-------------------|---------|---------|---------|------------------|---------|
| ϕ 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 | 0305 | 0405 | 0407 | 0505 | 0507 | 0508* | 0511 | 0605 | 0605* | 0606* | 0607 |
| ϕ 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 | 0608* | 0611 | 0615 | 0805 | 0807* | 0807 | 0808* | 0809 | 0810* | 0811 | 0812* |
| ϕ D×L | 8×15 | 8×16* | 8×20 | 10×9 | 10×10 | 10×12.5 10×12* | 10×16 | 10×20 | 10×25 | 10×30 | 10×35 |
| Code | 0815 | 0816 | 0820 | 1009 | 1010* | 1012 | 1016 | 1020 | 1025 | 1030 | 1035 |
| ϕ D×L | 10×40 | 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 |
| Code | 1040 | 1045 | 1050 | 1316 | 1320 | 1325 | 1330 | 1335 | 1340 | 1345 | 1350 |
| ϕ D×L | 16×16 | 16×20 | 16×25 | 16×31.5 | 16×35.5 | 16×40 | 16×45 | 16×50 | 18×16 | 18×20 | 18×25 |
| Code | 1616 | 1620 | 1625 | 1632 | 1636 | 1640 | 1645 | 1650 | 1816 | 1820 | 1825 |
| ϕ D×L | 18×31.5 | 18×35.5 | 18×40 | 18×45 | 18×50 | 20×30 | 20×35 | 20×40 | 22×30 | 22×35 | 22×40 |
| Code | 1832 | 1836 | 1840 | 1845 | 1850 | 2030 | 2035 | 2040 | 2230 | 2235 | 2240 |
| ϕ D×L | 22×45 | 25×40 | 25×45 | | | | | | | | |
| Code | 2245 | 2540 | 2545 | | | | | | | | |

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