



## RGA Series

### Features

- 105°C, 2,000 hours assured
- 105°C standard series for general purposes
- RoHS Compliance
- If there is any requirement on ESR, it's suggested to use low ESR series instead of RGA. Please consult us for any inquiry.



Sleeve & Marking Color: Black & White

### Specifications

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------|------|----------------|------|------|---------------------|------|------|--------------|---------------------|------|------|------|---------------|------|----|----|----|------|----|------|-----|-----|-----|--------|-----|------|-----|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Items                                                                                                                                                                                                                                                                               | Performance                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Category Temperature Range                                                                                                                                                                                                                                                          | 6.3~400V                                                                                                                                                                                                                                                                                                                                                                                                                           |          |                                              |      |                |      |      |                     |      |      | 450V         |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | -40℃ ~ +105℃                                                                                                                                                                                                                                                                                                                                                                                                                       |          |                                              |      |                |      |      |                     |      |      | -25℃ ~ +105℃ |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Capacitance Tolerance                                                                                                                                                                                                                                                               | ±20% (at 120Hz, 20℃)                                                                                                                                                                                                                                                                                                                                                                                                               |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Leakage Current (at 20℃)                                                                                                                                                                                                                                                            | Rated voltage                                                                                                                                                                                                                                                                                                                                                                                                                      |          | ≤ 100V                                       |      |                |      |      | > 100V              |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Time                                                                                                                                                                                                                                                                                                                                                                                                                               |          | after 2 minutes                              |      |                |      |      | after 5 minutes     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Leakage Current                                                                                                                                                                                                                                                                                                                                                                                                                    |          | I = 0.01CV or 3 (μA)<br>whichever is greater |      |                |      |      | CV ≤ 1,000          |      |      |              | CV > 1,000          |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                              |      |                |      |      | I = 0.03CV + 15(μA) |      |      |              | I = 0.02CV + 25(μA) |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Where, C = rated capacitance in μF    V = rated DC working voltage in V                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Tanδ (at 120 Hz, 20℃)                                                                                                                                                                                                                                                               | <table><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> |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      | 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 |
|                                                                                                                                                                                                                                                                                     | 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 |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| When the capacitance exceeds 1,000μF, 0.02 shall be added every 1,000μF increase.                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Low Temperature Characteristics (at 120Hz)                                                                                                                                                                                                                                          | Impedance ratio shall not exceed the values given in the table below.                                                                                                                                                                                                                                                                                                                                                              |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Rated Voltage                                                                                                                                                                                                                                                                                                                                                                                                                      |          | 6.3                                          | 10   | 16             | 25   | 35   | 50                  | 63   | 100  | 160          | 200                 | 250  | 350  | 400  | 450           |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Impedance Ratio                                                                                                                                                                                                                                                                                                                                                                                                                    | Z(-25℃)  | φ D < 16                                     | 4    | 3              | 3    | 2    | 2                   | 2    | 2    | 2            | 3                   | 6    | 8    | 12   | 14            | 16   |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    | /Z(+20℃) | φ D ≥ 16                                     | 6    | 4              | 4    | 3    | 3                   | 3    | 3    | 3            |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    | Z(-40℃)  | φ D < 16                                     | 8    | 6              | 6    | 4    | 4                   | 3    | 3    | 3            | 4                   | 8    | 10   | 16   | 18            | -    |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    | /Z(+20℃) | φ D ≥ 16                                     | 12   | 10             | 8    | 8    | 8                   | 8    | 6    | 6            |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Endurance                                                                                                                                                                                                                                                                           | Test Time                                                                                                                                                                                                                                                                                                                                                                                                                          |          | 2,000 Hrs                                    |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Capacitance Change                                                                                                                                                                                                                                                                                                                                                                                                                 |          | Within ±20% of initial value                 |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Tanδ                                                                                                                                                                                                                                                                                                                                                                                                                               |          | Less than 200% of specified value            |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Leakage Current                                                                                                                                                                                                                                                                                                                                                                                                                    |          | Within specified value                       |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| * The above Specifications shall be satisfied when the capacitors are restored to 20℃ after the rated voltage applied with rated ripple current for 2,000 hours at 105℃.                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Shelf Life Test                                                                                                                                                                                                                                                                     | Test Time                                                                                                                                                                                                                                                                                                                                                                                                                          |          | 1,000 Hrs                                    |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Capacitance Change                                                                                                                                                                                                                                                                                                                                                                                                                 |          | With in ±20% of initial value                |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Tanδ                                                                                                                                                                                                                                                                                                                                                                                                                               |          | Less than 200% of specified value            |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     | Leakage Current                                                                                                                                                                                                                                                                                                                                                                                                                    |          | Within specified value                       |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| * The above Specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ 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). |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                              |      |                |      |      |                     |      |      |              |                     |      |      |      |               |      |    |    |    |      |    |      |     |     |     |        |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Ripple Current & Frequency Multipliers                                                                                                                                                                                                                                              | Cap. (μF) \ Freq. (Hz)                                                                                                                                                                                                                                                                                                                                                                                                             |          | 60 (50)                                      |      |                |      |      |                     | 120  |      |              |                     |      |      | 500  |               |      |    |    |    | 1k   |    |      |     |     |     | 10k up |     |      |     |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |          | 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 |      |      |      |      |      |      |      |      |      |      |

### Diagram of Dimensions

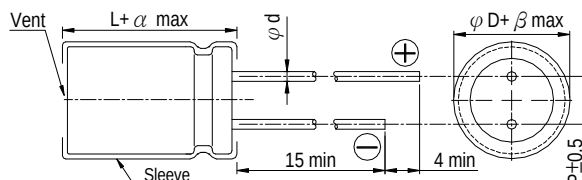


#### Lead Spacing and Diameter

Unit: mm

|          |                             |     |     |     |      |     |     |     |      |
|----------|-----------------------------|-----|-----|-----|------|-----|-----|-----|------|
| $\phi D$ | 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 |
| $\phi d$ | 0.5                         |     | 0.6 |     |      | 0.8 |     | 1.0 |      |
| $\alpha$ | L<20: 1.5, L $\geq$ 20: 2.0 |     |     |     |      |     |     | 2.0 |      |
| $\beta$  | 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:





Dimension:  $\phi D \times L(\text{mm})$

Ripple Current: mA/rms at 120 Hz, 105°C

## Dimension & Permissible Ripple Current

| $\mu\text{F}$ | Contents | V. DC             |       | 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    | $\phi D \times L$ | mA    |
| 2.2           | 2R2      |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       | 5×11              | 20    |                   |       | 5×11              | 30    |
| 3.3           | 3R3      |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       | 5×11              | 30    |                   |       | 5×11              | 31    |
| 4.7           | 4R7      |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       | 5×11              | 33    |                   |       | 5×11              | 36    |
| 10            | 100      |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       | 5×11              | 50    |                   |       | 6.3×11            | 54    |
| 22            | 220      |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       | 5×11              | 78    | 6.3×11            | 86    | 6.3×11            | 93    |
| 33            | 330      |                   |       |                   |       |                   |       |                   |       |                   |       | 5×11              | 75    | 5×11              | 90    | 6.3×11            | 100   | 8×11.5            | 130   |
| 47            | 470      |                   |       |                   |       |                   |       |                   |       | 5×11              | 97    | 5×11              | 90    | 6.3×11            | 120   | 6.3×11            | 130   | 10×12.5           | 165   |
| 100           | 101      |                   |       |                   |       |                   |       | 5×11              | 110   | 6.3×11            | 142   | 6.3×11            | 150   | 8×11.5            | 188   | 10×12.5           | 235   | 10×20             | 265   |
| 220           | 221      | 5×11              | 140   | 6.3×11            | 175   | 6.3×11            | 190   | 8×11.5            | 236   | 8×11.5            | 270   | 10×12.5           | 300   | 10×16             | 335   | 12.5×25           | 440   | 12.5×16           | 290   |
| 330           | 331      |                   |       | 6.3×11            | 200   | 8×11.5            | 270   | 8×11.5            | 310   | 10×12.5           | 335   | 10×16             | 410   | 10×20             | 510   | 16×25             | 620   | 16×16             | 420   |
| 470           | 471      | 6.3×11            | 230   | 8×11.5            | 290   | 8×11.5            | 310   | 10×12.5           | 380   | 10×16             | 460   | 10×20             | 530   | 12.5×20           | 640   | 16×31.5           | 715   | 12.5×16           | 425   |
| 1,000         | 102      | 8×11.5            | 380   | 10×12.5           | 460   | 10×16             | 560   | 10×20             | 680   | 12.5×20           | 810   | 12.5×25           | 950   | 16×25             | 930   | 18×40             | 1,275 | 16×20             | 830   |
| 2,200         | 222      | 10×16             | 690   | 10×20             | 760   | 12.5×16           | 780   | 12.5×25           | 1,110 | 16×25             | 1,260 | 16×31.5           | 1,420 | 18×35.5           | 1,770 | 22×40             | 2,510 | 18×25             | 1,110 |
| 3,300         | 332      | 10×20             | 840   | 12.5×25           | 1,100 | 12.5×25           | 1,170 | 16×25             | 1,440 | 16×31.5           | 1,420 | 18×25             | 1,570 | 18×35.5           | 1,770 | 22×40             | 2,510 |                   |       |
| 4,700         | 472      | 12.5×20           | 1,090 | 12.5×25           | 1,260 | 16×20             | 1,185 | 16×31.5           | 1,650 | 18×35.5           | 1,900 | 22×40             | 2,340 | 25×40             | 3,000 |                   |       |                   |       |
| 6,800         | 682      | 12.5×25           | 1,460 | 16×20             | 1,270 | 16×31.5           | 1,930 | 16×40             | 2,000 | 18×40             | 2,250 | 25×40             | 2,530 |                   |       |                   |       |                   |       |
| 10,000        | 103      | 16×20             | 1,340 | 16×31.5           | 2,220 | 16×35.5           | 2,210 | 22×40             | 2,720 |                   |       |                   |       |                   |       |                   |       |                   |       |
| 15,000        | 153      | 16×31.5           | 2,365 | 18×25             | 2,290 | 16×35.5           | 2,590 | 18×40             | 2,950 | 25×40             | 3,200 |                   |       |                   |       |                   |       |                   |       |
| 22,000        | 223      | 16×40             | 2,800 | 18×35.5           | 2,930 | 18×40             | 3,230 | 22×40             | 3,460 |                   |       |                   |       |                   |       |                   |       |                   |       |
| 33,000        | 333      | 18×45             | 3,080 | 22×40             | 4,090 | 25×45             | 4,500 |                   |       |                   |       |                   |       |                   |       |                   |       |                   |       |

| $\mu\text{F}$ | Contents | V. DC             |       | 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  | $\phi D \times L$ | mA  |
| 1             | 010      |                   |       |                   |       |                   |       |                   |       | 6.3×11            | 21  | 8×11.5            | 27  |                   |     |
| 2.2           | 2R2      |                   |       | 6.3×11            | 30    | 6.3×11            | 35    | 6.3×11            | 35    | 8×11.5            | 39  | 8×11.5            | 39  |                   |     |
| 3.3           | 3R3      |                   |       | 6.3×11            | 39    | 6.3×11            | 40    | 8×11.5            | 43    | 8×11.5            | 45  | 8×11.5            | 45  |                   |     |
| 4.7           | 4R7      |                   |       | 6.3×11            | 43    | 8×11.5            | 45    | 8×11.5            | 45    | 8×11.5            | 50  | 8×11.5            | 50  |                   |     |
| 10            | 100      | 8×11.5            | 65    | 8×11.5            | 65    | 10×12.5           | 92    | 10×16             | 95    | 10×16             | 95  | 10×20             | 105 |                   |     |
| 22            | 220      | 10×12.5           | 110   | 10×16             | 140   | 10×16             | 140   | 12.5×20           | 220   | 12.5×20           | 160 | 12.5×20           | 160 |                   |     |
| 33            | 330      | 10×16             | 150   | 10×20             | 170   | 12.5×16           | 175   | 12.5×25           | 215   | 16×20             | 225 | 16×20             | 225 |                   |     |
| 47            | 470      | 10×20             | 195   | 12.5×16           | 215   | 12.5×20           | 230   | 16×16             | 245   | 16×20             | 255 | 16×25             | 280 |                   |     |
| 68            | 680      | 12.5×20           | 275   | 12.5×20           | 265   | 16×20             | 320   | 18×25             | 360   | 18×25             | 360 | 16×31.5           | 375 | 16×35.5           | 400 |
| 100           | 101      | 12.5×25           | 355   | 16×20             | 365   | 16×25             | 425   | 18×31.5           | 460   | 18×35.5           | 540 | 18×40             | 560 |                   |     |
| 150           | 151      | 16×25             | 470   | 18×20             | 510   | 16×31.5           | 550   | 18×40             | 600   | 22×40             | 730 | 22×40             | 770 |                   |     |
| 220           | 221      | 16×31.5           | 660   | 18×31.5           | 750   | 18×35.5           | 760   | 25×40             | 865   | 22×45             | 930 |                   |     |                   |     |
| 330           | 331      | 18×35.5           | 820   | 18×40             | 965   | 22×40             | 1,140 | 25×45             | 1,070 |                   |     |                   |     |                   |     |
| 470           | 330      | 22×40             | 1,130 | 22×40             | 1,130 | 25×40             | 1,325 |                   |       |                   |     |                   |     |                   |     |

## Part Numbering System

|            |                   |                       |               |                              |             |                              |                              |
|------------|-------------------|-----------------------|---------------|------------------------------|-------------|------------------------------|------------------------------|
| RGA series | 470 $\mu\text{F}$ | ±20%                  | 6.3V          | Bulk Package                 | Gas Type    | 6.3 $\phi \times 11\text{L}$ | Pb-free and PET coating case |
| <b>RGA</b> | <b>471</b>        | <b>M</b>              | <b>0J</b>     | <b>BK</b>                    | <b>-</b>    | <b>0611</b>                  |                              |
| Series     | Capacitance       | Capacitance Tolerance | Rated Voltage | Lead Configuration & Package | Rubber Type | Case Size                    | Lead Wire and Coating Type   |

Note: For more details, please refer to "Part Numbering System (Radial Type)" on page 10.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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