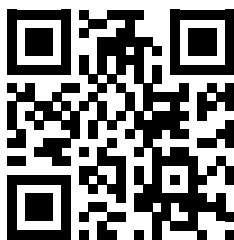
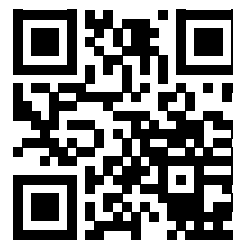
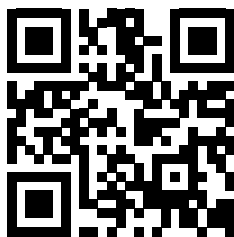
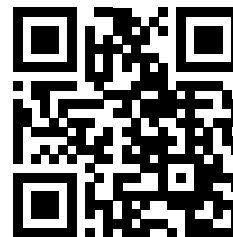
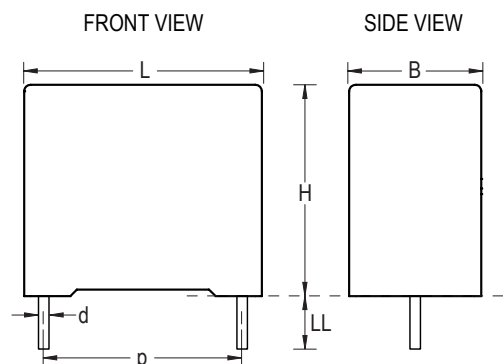


## Sample Kit Contents

| KEMET<br>Part Number | VDC  | VAC | Capacitance<br>Value (µF) | Dimensions in mm |      |      | Lead<br>Spacing (p) | dV/dt<br>(V/µs) | Max K <sub>0</sub> (V <sup>2</sup> /<br>µs) | Quantity |
|----------------------|------|-----|---------------------------|------------------|------|------|---------------------|-----------------|---------------------------------------------|----------|
|                      |      |     |                           | B                | H    | L    |                     |                 |                                             |          |
| R82EC1100AA50K       | 100  | 63  | 0.0010                    | 2.5              | 6.5  | 7.2  | 5.0                 | 200             | 40000                                       | 3        |
| R82IC3150AA50K       | 250  | 140 | 0.15                      | 5.0              | 10.0 | 7.2  | 5.0                 | 130             | 65000                                       | 3        |
| R82MC2470AA50K       | 400  | 160 | 0.047                     | 5.0              | 10.0 | 7.2  | 5.0                 | 200             | 160000                                      | 3        |
| RSBDC4150AA10K       | 63   | 40  | 1.5                       | 6.0              | 11.0 | 7.2  | 5.0                 | 250             | 31500                                       | 3        |
| RSBIC3100AA00K       | 250  | 160 | 0.10                      | 5.0              | 10.0 | 7.2  | 5.0                 | 400             | 200000                                      | 3        |
| RSBPC2100AA00K       | 630  | 220 | 0.010                     | 6.0              | 11.0 | 7.2  | 5.0                 | 800             | 1008000                                     | 3        |
| R66ED4100AA7AK       | 100  | 63  | 1.0                       | 5.0              | 10.5 | 10.0 | 7.5                 | 150             | 30000                                       | 3        |
| R66ID3220AA7AK       | 250  | 160 | 0.22                      | 5.0              | 10.5 | 10.0 | 7.5                 | 200             | 100000                                      | 3        |
| R66MD2680AA7AK       | 400  | 200 | 0.068                     | 5.0              | 10.5 | 10.0 | 7.5                 | 275             | 220000                                      | 3        |
| R60DF4330AA6AK       | 63   | 40  | 3.3                       | 6.0              | 12.0 | 13.0 | 10.0                | 50              | 6300                                        | 3        |
| R60GF3470AA6AK       | 160  | 90  | 0.47                      | 5.0              | 11.0 | 13.0 | 10.0                | 100             | 32000                                       | 3        |
| R60PF2470AA6AK       | 630  | 220 | 0.047                     | 5.0              | 11.0 | 13.0 | 10.0                | 200             | 252000                                      | 3        |
| R60DI4470AALOK       | 63   | 40  | 4.7                       | 13.0             | 12.0 | 18.0 | 15.0                | 2.5             | 315                                         | 3        |
| R60MI3680AA40K       | 400  | 200 | 0.68                      | 10.0             | 16.0 | 18.0 | 15.0                | 20.0            | 16000                                       | 3        |
| R60QI2330AALOK       | 1000 | 250 | 0.033                     | 9.0              | 12.5 | 18.0 | 15.0                | 30.0            | 60000                                       | 3        |
| R60EN4330AA30K       | 100  | 63  | 3.3                       | 7.0              | 16.0 | 26.5 | 22.5                | 2.0             | 400                                         | 3        |
| R60IN4100AA30K       | 250  | 160 | 1.0                       | 6.0              | 15.0 | 26.5 | 22.5                | 8.0             | 4000                                        | 3        |
| R60PN3680AA40K       | 630  | 220 | 0.68                      | 11.0             | 20.0 | 26.5 | 22.5                | 12.0            | 15120                                       | 3        |
| R60DR5220AA40K       | 63   | 40  | 22.0                      | 13.0             | 22.0 | 32.0 | 27.5                | 1.0             | 126                                         | 3        |
| R60GR5330AA00K       | 160  | 90  | 33.0                      | 14.0             | 28.0 | 32.0 | 27.5                | 3.0             | 960                                         | 3        |
| R60QR3470AA40K       | 1000 | 250 | 0.47                      | 13.0             | 22.0 | 32.0 | 27.5                | 12.0            | 24000                                       | 3        |
| R60DW6100AA40K       | 63   | 40  | 100.0                     | 20.0             | 40.0 | 41.5 | 37.5                | 0.8             | 101                                         | 3        |

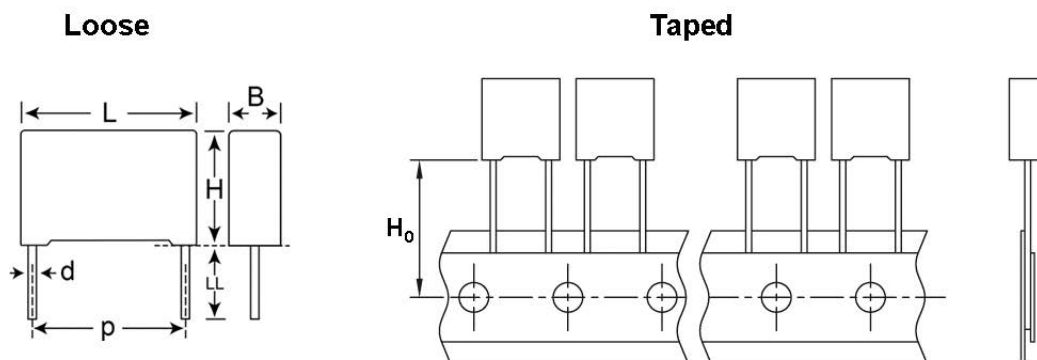

[www.kemet.com/r60](http://www.kemet.com/r60)

[www.kemet.com/r66](http://www.kemet.com/r66)

[www.kemet.com/r82](http://www.kemet.com/r82)

[www.kemet.com/rsb](http://www.kemet.com/rsb)

## R60 Dimensions – Millimeters



| <b>p</b>                                                                       |           | <b>B</b> |           | <b>H</b> |           | <b>L</b> |           | <b>d</b> |           |
|--------------------------------------------------------------------------------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|
| Nominal                                                                        | Tolerance | Nominal  | Tolerance | Nominal  | Tolerance | Nominal  | Tolerance | Nominal  | Tolerance |
| 10.0                                                                           | +/- 0.4   | 4.0      | +0.2      | 9.0      | +0.1      | 13.0     | +0.2      | 0.6      | +/- 0.05  |
| 10.0                                                                           | +/- 0.4   | 5.0      | +0.2      | 11.0     | +0.1      | 13.0     | +0.2      | 0.6      | +/- 0.05  |
| 10.0                                                                           | +/- 0.4   | 6.0      | +0.2      | 12.0     | +0.1      | 13.0     | +0.2      | 0.6      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 5.0      | +0.2      | 11.0     | +0.1      | 18.0     | +0.3      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 6.0      | +0.2      | 12.0     | +0.1      | 18.0     | +0.3      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 7.5      | +0.2      | 13.5     | +0.1      | 18.0     | +0.5      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 8.5      | +0.2      | 14.5     | +0.1      | 18.0     | +0.5      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 9.0      | +0.2      | 12.5     | +0.1      | 18.0     | +0.5      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 10.0     | +0.2      | 16.0     | +0.1      | 18.0     | +0.5      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 11.0     | +0.2      | 19.0     | +0.1      | 18.0     | +0.5      | 0.8      | +/- 0.05  |
| 15.0                                                                           | +/- 0.4   | 13.0     | +0.2      | 12.0     | +0.1      | 18.0     | +0.5      | 0.8      | +/- 0.05  |
| 22.5                                                                           | +/- 0.4   | 6.0      | +0.2      | 15.0     | +0.1      | 26.5     | +0.3      | 0.8      | +/- 0.05  |
| 22.5                                                                           | +/- 0.4   | 7.0      | +0.2      | 16.0     | +0.1      | 26.5     | +0.3      | 0.8      | +/- 0.05  |
| 22.5                                                                           | +/- 0.4   | 8.5      | +0.2      | 17.0     | +0.1      | 26.5     | +0.3      | 0.8      | +/- 0.05  |
| 22.5                                                                           | +/- 0.4   | 10.0     | +0.2      | 18.5     | +0.1      | 26.5     | +0.3      | 0.8      | +/- 0.05  |
| 22.5                                                                           | +/- 0.4   | 11.0     | +0.2      | 20.0     | +0.1      | 26.5     | +0.3      | 0.8      | +/- 0.05  |
| 22.5                                                                           | +/- 0.4   | 13.0     | +0.2      | 22.0     | +0.1      | 26.5     | +0.3      | 0.8      | +/- 0.05  |
| 27.5                                                                           | +/- 0.4   | 9.0      | +0.2      | 17.0     | +0.1      | 32.0     | +0.3      | 0.8      | +/- 0.05  |
| 27.5                                                                           | +/- 0.4   | 11.0     | +0.2      | 20.0     | +0.1      | 32.0     | +0.3      | 0.8      | +/- 0.05  |
| 27.5                                                                           | +/- 0.4   | 13.0     | +0.2      | 22.0     | +0.1      | 32.0     | +0.3      | 0.8      | +/- 0.05  |
| 27.5                                                                           | +/- 0.4   | 14.0     | +0.2      | 28.0     | +0.1      | 32.0     | +0.3      | 0.8      | +/- 0.05  |
| 27.5                                                                           | +/- 0.4   | 18.0     | +0.2      | 33.0     | +0.1      | 32.0     | +0.3      | 0.8      | +/- 0.05  |
| 27.5                                                                           | +/- 0.4   | 22.0     | +0.2      | 37.0     | +0.1      | 32.0     | +0.3      | 0.8      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 11.0     | +0.3      | 22.0     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 13.0     | +0.3      | 24.0     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 16.0     | +0.3      | 28.5     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 19.0     | +0.3      | 32.0     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 20.0     | +0.3      | 40.0     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 24.0     | +0.3      | 44.0     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| 37.5                                                                           | +/- 0.4   | 30.0     | +0.3      | 45.0     | +0.1      | 41.5     | +0.3      | 1.0      | +/- 0.05  |
| Note: See Ordering Options Table for lead length (LL/H <sub>0</sub> ) options. |           |          |           |          |           |          |           |          |           |

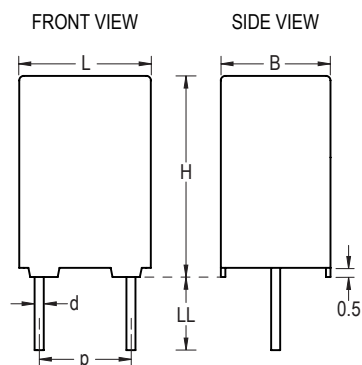
## R66 Dimensions – Millimeters



| p       |           | B       |           | H       |           | L       |           | d       |           |
|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| 7.5     | +/- 0.4   | 3.0     | +0.1      | 8.0     | +0.1      | 10.0    | +0.2      | 0.5     | +/- 0.05  |
| 7.5     | +/- 0.4   | 4.0     | +0.1      | 9.0     | +0.1      | 10.0    | +0.2      | 0.6     | +/- 0.05  |
| 7.5     | +/- 0.4   | 5.0     | +0.1      | 10.5    | +0.1      | 10.0    | +0.2      | 0.6     | +/- 0.05  |
| 7.5     | +/- 0.4   | 6.0     | +0.1      | 12.0    | +0.1      | 10.5    | +0.2      | 0.6     | +/- 0.05  |

**Note: See Ordering Options Table for lead length (LL/H<sub>0</sub>) options.**

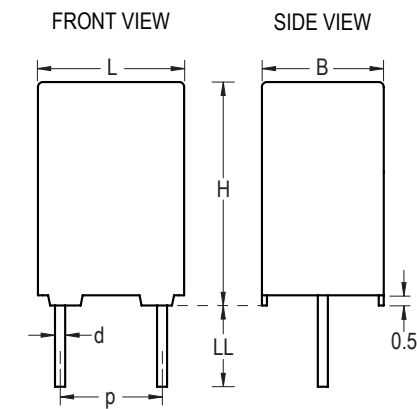
## R82 Dimensions – Millimeters



| p       |           | B       |           | H       |           | L       |           | d       |           |
|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| 5.0     | +/-0.4    | 2.5     | +0.1      | 6.5     | +0.1      | 7.2     | +0.2      | 0.5     | +/-0.05   |
| 5.0     | +/-0.4    | 3.5     | +0.1      | 7.5     | +0.1      | 7.2     | +0.2      | 0.5     | +/-0.05   |
| 5.0     | +/-0.4    | 4.5     | +0.1      | 9.5     | +0.1      | 7.2     | +0.3      | 0.5     | +/-0.05   |
| 5.0     | +/-0.4    | 5.0     | +0.1      | 10.0    | +0.1      | 7.2     | +0.3      | 0.5     | +/-0.05   |
| 5.0     | +/-0.4    | 6.0     | +0.1      | 11.0    | +0.1      | 7.2     | +0.3      | 0.5     | +/-0.05   |
| 5.0     | +/-0.4    | 7.2     | +0.1      | 13.0    | +0.1      | 7.2     | +0.3      | 0.6     | +/-0.05   |

**Note: See Ordering Options Table for lead length (LL/H<sub>0</sub>) options.**

RSB Dimensions – Millimeters



| p                                                                              |           | B       |           | H       |           | L       |           | d       |           |
|--------------------------------------------------------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Nominal                                                                        | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| 5.0                                                                            | +/-0.4    | 2.5     | +0.1      | 6.5     | +0.1      | 7.2     | +0.2      | 0.5     | +/-0.05   |
| 5.0                                                                            | +/-0.4    | 3.5     | +0.1      | 7.5     | +0.1      | 7.2     | +0.2      | 0.5     | +/-0.05   |
| 5.0                                                                            | +/-0.4    | 4.5     | +0.1      | 9.5     | +0.1      | 7.2     | +0.3      | 0.5     | +/-0.05   |
| 5.0                                                                            | +/-0.4    | 5.0     | +0.1      | 10.0    | +0.1      | 7.2     | +0.3      | 0.5     | +/-0.05   |
| 5.0                                                                            | +/-0.4    | 6.0     | +0.1      | 11.0    | +0.1      | 7.2     | +0.3      | 0.5     | +/-0.05   |
| Note: See Ordering Options Table for lead length (LL/H <sub>0</sub> ) options. |           |         |           |         |           |         |           |         |           |