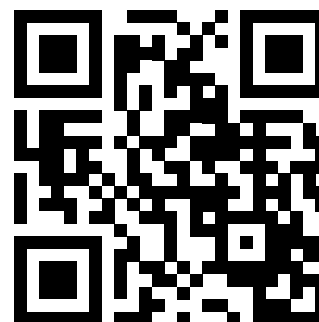
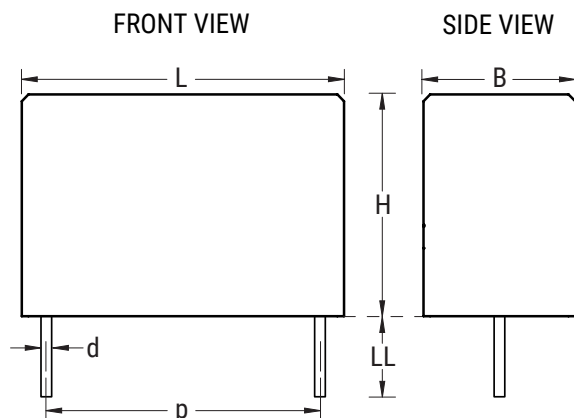


**Sample Kit Contents**

| KEMET<br>Part Number | Capacitance<br>Value (μF) | Dimensions in mm |      |      | Lead<br>Spacing (p) | dV/dt<br>(V/μs) | Quantity |
|----------------------|---------------------------|------------------|------|------|---------------------|-----------------|----------|
|                      |                           | B                | H    | L    |                     |                 |          |
| P278HE102M480A       | 0.001                     | 3.9              | 7.5  | 13.5 | 10.2                | 2000            | 10       |
| P278HL472M480A       | 0.0047                    | 5.1              | 10.5 | 13.5 | 10.2                | 2000            | 10       |
| P278QE103M480A       | 0.010                     | 5.2              | 10.5 | 18.5 | 15.2                | 1400            | 10       |
| P278QS223M480A       | 0.022                     | 8.5              | 14.3 | 18.5 | 15.2                | 1400            | 10       |
| P278CJ473M480A       | 0.047                     | 9.0              | 15.0 | 24.0 | 20.3                | 1000            | 10       |
| P278SJ333M480A       | 0.033                     | 8.0              | 17.0 | 27.0 | 22.5                | 1000            | 10       |
| P278SU104M480A       | 0.1                       | 12.0             | 22.0 | 27.0 | 22.5                | 600             | 10       |
| P278EJ104M480A       | 0.1                       | 12.1             | 19.0 | 30.5 | 25.4                | 600             | 10       |
| P278EL154M480A       | 0.15                      | 15.3             | 22.0 | 30.5 | 25.4                | 600             | 10       |

**Dimensions – Millimeters**
[www.kemet.com/P278](http://www.kemet.com/P278)

| Size Code | p       |           | B       |           | H       |           | L       |           | d       |           |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
|           | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| HE        | 10.2    | +/-0.4    | 3.9     | Maximum   | 7.5     | Maximum   | 13.5    | Maximum   | 0.6     | +/-0.05   |
| HH        | 10.2    | +/-0.4    | 4.1     | Maximum   | 8.2     | Maximum   | 13.5    | Maximum   | 0.6     | +/-0.05   |
| HL        | 10.2    | +/-0.4    | 5.1     | Maximum   | 10.5    | Maximum   | 13.5    | Maximum   | 0.6     | +/-0.05   |
| QE        | 15.2    | +/-0.4    | 5.2     | Maximum   | 10.5    | Maximum   | 18.5    | Maximum   | 0.8     | +/-0.05   |
| QJ        | 15.2    | +/-0.4    | 5.5     | Maximum   | 11.1    | Maximum   | 18.5    | Maximum   | 0.8     | +/-0.05   |
| QS        | 15.2    | +/-0.4    | 8.5     | Maximum   | 14.3    | Maximum   | 18.5    | Maximum   | 0.8     | +/-0.05   |
| CE        | 20.3    | +/-0.4    | 7.6     | Maximum   | 14.0    | Maximum   | 24.0    | Maximum   | 0.8     | +/-0.05   |
| CJ        | 20.3    | +/-0.4    | 9.0     | Maximum   | 15.0    | Maximum   | 24.0    | Maximum   | 0.8     | +/-0.05   |
| CP        | 20.3    | +/-0.4    | 11.3    | Maximum   | 16.5    | Maximum   | 24.0    | Maximum   | 0.8     | +/-0.05   |
| SJ        | 22.5    | +/-0.4    | 8.0     | Maximum   | 17.0    | Maximum   | 27.0    | Maximum   | 0.8     | +/-0.05   |
| SP        | 22.5    | +/-0.4    | 10.0    | Maximum   | 19.0    | Maximum   | 27.0    | Maximum   | 0.8     | +/-0.05   |
| SU        | 22.5    | +/-0.4    | 12.0    | Maximum   | 22.0    | Maximum   | 27.0    | Maximum   | 0.8     | +/-0.05   |
| EJ        | 25.4    | +/-0.4    | 12.1    | Maximum   | 19.0    | Maximum   | 30.5    | Maximum   | 1.0     | +/-0.05   |
| EL        | 25.4    | +/-0.4    | 15.3    | Maximum   | 22.0    | Maximum   | 30.5    | Maximum   | 1.0     | +/-0.05   |

Note: See Ordering Options Table for lead length (LL) options.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[KEMET:](#)

[PPR ENG KIT 01](#)