

# SMW Series Unencapsulated Winding, Size 2220 – 2824, 50 – 400 VDC

## Overview

Polyphenylene sulphide (PPS) film capacitor for surface mounting.

## Applications

Typical applications include timing, filtering and use as a memory capacitor. The SMW Series is designed for high stability, accuracy and temperature.

## Benefits

- Rated voltage: 50 – 400 VDC
- Rated voltage: 30 – 200 VAC
- Capacitance range: 0.001 – 0.56  $\mu$ F
- EIA size: 2220 – 2824
- Capacitance tolerance:  $\pm 2\%$ ,  $\pm 2.5\%$ ,  $\pm 5\%$ ,  $\pm 10\%$
- Climatic category: 55/125/56
- RoHS Compliant and lead-free terminations
- Operating temperature range of  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$



## Legacy Part Number System

| SMW            | 5.7              | 102                                                                                                                                                 | K                                                                   | 50                      | J91                 | TR12                       |
|----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------|---------------------|----------------------------|
| Series         | Chip Length (mm) | Capacitance Code (pF)                                                                                                                               | Capacitance Tolerance                                               | Rated Voltage (VDC)     | Size Code           | Packaging Code             |
| Metallized PPS | 5.7<br>7.3       | First two digits indicate the two most significant digits of the capacitance value in picofarads. The third digit is the number of following zeros. | G = $\pm 2\%$<br>H = $\pm 2.5\%$<br>J = $\pm 5\%$<br>K = $\pm 10\%$ | 50<br>100<br>250<br>400 | See Dimension Table | See Ordering Options Table |

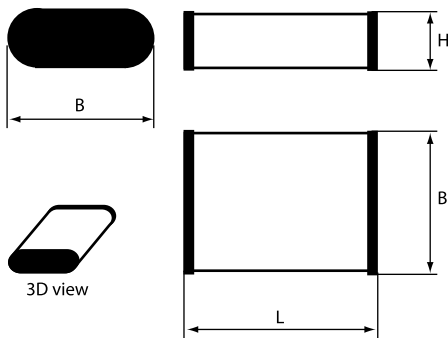
## New KEMET Part Number System

| F               | 126            | P                    | H                   | 102                                                                                                                                                 | K                                                                   | 050                                             | V                          |
|-----------------|----------------|----------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------|----------------------------|
| Capacitor Class | Series         | Chip Size            | Size Code           | Capacitance Code (pF)                                                                                                                               | Capacitance Tolerance                                               | Rated Voltage (VDC)                             | Packaging Code             |
| F = Film        | Metallized PPS | P = 2220<br>S = 2824 | See Dimension Table | First two digits indicate the two most significant digits of the capacitance value in picofarads. The third digit is the number of following zeros. | G = $\pm 2\%$<br>R = $\pm 2.5\%$<br>J = $\pm 5\%$<br>K = $\pm 10\%$ | 050 = 50<br>100 = 100<br>250 = 250<br>400 = 400 | See Ordering Options Table |

## Ordering Options Table

| Packaging Type                             | KEMET Packaging Code | Legacy Packaging Code |
|--------------------------------------------|----------------------|-----------------------|
| <b>Standard Lead and Packaging Options</b> |                      |                       |
| Tape & Reel (Standard Reel)                | V                    | TR12                  |
| Bulk (Bag)                                 | A                    | BULK                  |

## Dimensions – Millimeters



| KEMET Size Code | Legacy Size Code | Chip Size (EIA) | B       |           | H       |           | L       |           |
|-----------------|------------------|-----------------|---------|-----------|---------|-----------|---------|-----------|
|                 |                  |                 | Nominal | Tolerance | Nominal | Tolerance | Nominal | Tolerance |
| PH              | J91              | 2220            | 5.0     | +/-0.4    | 2.0     | Maximum   | 5.7     | +/-0.4    |
| PP              | J93              | 2220            | 5.0     | +/-0.4    | 3.0     | Maximum   | 5.7     | +/-0.4    |
| PU              | J95              | 2220            | 5.0     | +/-0.4    | 4.0     | Maximum   | 5.7     | +/-0.4    |
| SE              | K91              | 2824            | 6.0     | +/-0.4    | 2.0     | Maximum   | 7.3     | +/-0.4    |
| SH              | K93              | 2824            | 6.0     | +/-0.4    | 2.7     | Maximum   | 7.3     | +/-0.4    |
| SM              | K95              | 2824            | 6.0     | +/-0.4    | 3.2     | Maximum   | 7.3     | +/-0.4    |
| SS              | K97              | 2824            | 6.0     | +/-0.4    | 4.2     | Maximum   | 7.3     | +/-0.4    |

## Environmental Compliance

All KEMET surface mount capacitors are RoHS Compliant.

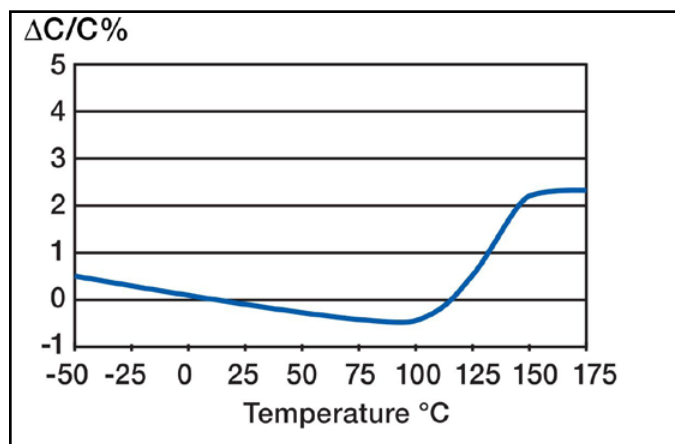


RoHS Compliant

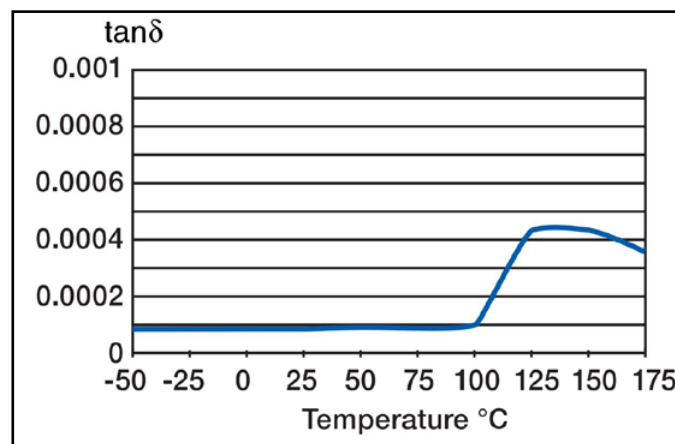
## Performance Characteristics

|                            |                                                                                                                                                                                                                            |              |               |                   |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|-------------------|
| Rated Voltage (VDC)        | 50                                                                                                                                                                                                                         | 100          | 250           | 400               |
| Rated Voltage (VAC)        | 30                                                                                                                                                                                                                         | 63           | 160           | 200               |
| Capacitance Range (μF)     | 0.001 – 0.56                                                                                                                                                                                                               | 0.001 – 0.18 | 0.001 – 0.068 | 0.001 – 0.022     |
| Chip Size (EIA)            | 2220 – 2824                                                                                                                                                                                                                |              |               |                   |
| Capacitance Tolerance      | ±2%, ±2.5%, ±5%, ±10%                                                                                                                                                                                                      |              |               |                   |
| Category Temperature Range | -55°C to +125°C                                                                                                                                                                                                            |              |               |                   |
| Rated Temperature          | +100°C                                                                                                                                                                                                                     |              |               |                   |
| Voltage Derating           | The rated voltage should be decreased with 1.25%/°C from +100°C to +125°C and 1.5%/°C from +125°C to 175°C                                                                                                                 |              |               |                   |
| Climatic Category          | 55/125/56                                                                                                                                                                                                                  |              |               |                   |
| Test Voltage               | 1.6 x V <sub>R</sub> , 60 seconds                                                                                                                                                                                          |              |               |                   |
| Insulation Resistance      | Measured at +20°C According to IEC 60384–20                                                                                                                                                                                |              |               |                   |
|                            | Minimum Value Between Terminals                                                                                                                                                                                            |              |               |                   |
|                            |                                                                                                                                                                                                                            |              | C ≤ 0.56 μF   |                   |
|                            | V <sub>R</sub> ≤ 100                                                                                                                                                                                                       |              | 15,000 MΩ     |                   |
|                            | V <sub>R</sub> > 100                                                                                                                                                                                                       |              | 30,000 MΩ     |                   |
| Dissipation Factor         | Maximum Values at +23°C                                                                                                                                                                                                    |              |               |                   |
|                            |                                                                                                                                                                                                                            | C ≤ 0.1 μF   |               | 0.1 < C ≤ 0.56 μF |
|                            | 1 kHz                                                                                                                                                                                                                      | 0.15%        |               | 0.15%             |
|                            | 10 kHz                                                                                                                                                                                                                     | 0.25%        |               | 0.25%             |
|                            | 100 kHz                                                                                                                                                                                                                    | 0.50%        |               | 0.60%             |
| Pulse Rise Time            | The capacitors can withstand an unlimited number of pulses with a dV/dt according to Table 1. For voltages (V) lower than the rated voltage (V <sub>R</sub> ), the specified dV/dt can be multiplied by V <sub>R</sub> /V. |              |               |                   |

## Capacitance vs. Temperature



## Dissipation Factor vs. Temperature



**Table 1 – Ratings & Part Number Reference**

| VDC | VAC | Capacitance Value (µF) | Size Code (New/Legacy) | Dimensions in mm |        |        | Chip Size | dV/dt (V/µs) | New KEMET Part Number | Legacy Part Number   |
|-----|-----|------------------------|------------------------|------------------|--------|--------|-----------|--------------|-----------------------|----------------------|
|     |     |                        |                        | B                | H      | L      |           |              |                       |                      |
| 50  | 30  | 0.0010                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH102(1)050(2)    | SMW5.7102(1)50J91(2) |
| 50  | 30  | 0.0012                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH122(1)050(2)    | SMW5.7122(1)50J91(2) |
| 50  | 30  | 0.0015                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH152(1)050(2)    | SMW5.7152(1)50J91(2) |
| 50  | 30  | 0.0018                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH182(1)050(2)    | SMW5.7182(1)50J91(2) |
| 50  | 30  | 0.0022                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH222(1)050(2)    | SMW5.7222(1)50J91(2) |
| 50  | 30  | 0.0027                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH272(1)050(2)    | SMW5.7272(1)50J91(2) |
| 50  | 30  | 0.0033                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH332(1)050(2)    | SMW5.7332(1)50J91(2) |
| 50  | 30  | 0.0039                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH392(1)050(2)    | SMW5.7392(1)50J91(2) |
| 50  | 30  | 0.0047                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH472(1)050(2)    | SMW5.7472(1)50J91(2) |
| 50  | 30  | 0.0056                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH562(1)050(2)    | SMW5.7562(1)50J91(2) |
| 50  | 30  | 0.0068                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH682(1)050(2)    | SMW5.7682(1)50J91(2) |
| 50  | 30  | 0.0082                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH822(1)050(2)    | SMW5.7822(1)50J91(2) |
| 50  | 30  | 0.010                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH103(1)050(2)    | SMW5.7103(1)50J91(2) |
| 50  | 30  | 0.012                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH123(1)050(2)    | SMW5.7123(1)50J91(2) |
| 50  | 30  | 0.015                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH153(1)050(2)    | SMW5.7153(1)50J91(2) |
| 50  | 30  | 0.018                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH183(1)050(2)    | SMW5.7183(1)50J91(2) |
| 50  | 30  | 0.022                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH223(1)050(2)    | SMW5.7223(1)50J91(2) |
| 50  | 30  | 0.027                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH273(1)050(2)    | SMW5.7273(1)50J91(2) |
| 50  | 30  | 0.033                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH333(1)050(2)    | SMW5.7333(1)50J91(2) |
| 50  | 30  | 0.039                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH393(1)050(2)    | SMW5.7393(1)50J91(2) |
| 50  | 30  | 0.047                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH473(1)050(2)    | SMW5.7473(1)50J91(2) |
| 50  | 30  | 0.056                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH563(1)050(2)    | SMW5.7563(1)50J91(2) |
| 50  | 30  | 0.068                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH683(1)050(2)    | SMW5.7683(1)50J91(2) |
| 50  | 30  | 0.082                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 10           | F126PH823(1)050(2)    | SMW5.7823(1)50J91(2) |
| 50  | 30  | 0.10                   | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 10           | F126PH104(1)050(2)    | SMW5.7104(1)50J91(2) |
| 50  | 30  | 0.12                   | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 10           | F126PH124(1)050(2)    | SMW5.7124(1)50J91(2) |
| 50  | 30  | 0.15                   | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 10           | F126PH154(1)050(2)    | SMW5.7154(1)50J91(2) |
| 50  | 30  | 0.18                   | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 10           | F126PP184(1)050(2)    | SMW5.7184(1)50J93(2) |
| 50  | 30  | 0.22                   | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 10           | F126PP224(1)050(2)    | SMW5.7224(1)50J93(2) |
| 50  | 30  | 0.27                   | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 10           | F126PP274(1)050(2)    | SMW5.7274(1)50J93(2) |
| 50  | 30  | 0.33                   | PU/J95                 | 5.0              | 4.0    | 5.7    | 2220      | 10           | F126PU334(1)050(2)    | SMW5.7334(1)50J95(2) |
| 50  | 30  | 0.0022                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE222(1)050(2)    | SMW7.3222(1)50K91(2) |
| 50  | 30  | 0.0027                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE272(1)050(2)    | SMW7.3272(1)50K91(2) |
| 50  | 30  | 0.0033                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE332(1)050(2)    | SMW7.3332(1)50K91(2) |
| 50  | 30  | 0.0039                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE392(1)050(2)    | SMW7.3392(1)50K91(2) |
| 50  | 30  | 0.0047                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE472(1)050(2)    | SMW7.3472(1)50K91(2) |
| 50  | 30  | 0.0056                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE562(1)050(2)    | SMW7.3562(1)50K91(2) |
| 50  | 30  | 0.0068                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE682(1)050(2)    | SMW7.3682(1)50K91(2) |
| 50  | 30  | 0.0082                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE822(1)050(2)    | SMW7.3822(1)50K91(2) |
| 50  | 30  | 0.010                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE103(1)050(2)    | SMW7.3103(1)50K91(2) |
| 50  | 30  | 0.012                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE123(1)050(2)    | SMW7.3123(1)50K91(2) |
| 50  | 30  | 0.015                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE153(1)050(2)    | SMW7.3153(1)50K91(2) |
| 50  | 30  | 0.018                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE183(1)050(2)    | SMW7.3183(1)50K91(2) |
| 50  | 30  | 0.022                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE223(1)050(2)    | SMW7.3223(1)50K91(2) |
| 50  | 30  | 0.027                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE273(1)050(2)    | SMW7.3273(1)50K91(2) |
| 50  | 30  | 0.033                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE333(1)050(2)    | SMW7.3333(1)50K91(2) |
| 50  | 30  | 0.039                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE393(1)050(2)    | SMW7.3393(1)50K91(2) |
| 50  | 30  | 0.047                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE473(1)050(2)    | SMW7.3473(1)50K91(2) |
| 50  | 30  | 0.056                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE563(1)050(2)    | SMW7.3563(1)50K91(2) |
| 50  | 30  | 0.068                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE683(1)050(2)    | SMW7.3683(1)50K91(2) |
| 50  | 30  | 0.082                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE823(1)050(2)    | SMW7.3823(1)50K91(2) |
| 50  | 30  | 0.10                   | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE104(1)050(2)    | SMW7.3104(1)50K91(2) |
| 50  | 30  | 0.12                   | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE124(1)050(2)    | SMW7.3124(1)50K91(2) |
| 50  | 30  | 0.15                   | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE154(1)050(2)    | SMW7.3154(1)50K91(2) |
| 50  | 30  | 0.18                   | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE184(1)050(2)    | SMW7.3184(1)50K91(2) |
| 50  | 30  | 0.22                   | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE224(1)050(2)    | SMW7.3224(1)50K91(2) |
| 50  | 30  | 0.27                   | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 8            | F126SE274(1)050(2)    | SMW7.3274(1)50K91(2) |
| 50  | 30  | 0.33                   | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 8            | F126SH334(1)050(2)    | SMW7.3334(1)50K93(2) |
| 50  | 30  | 0.39                   | SM/K95                 | 6.0              | 3.2    | 7.3    | 2824      | 8            | F126SM394(1)050(2)    | SMW7.3394(1)50K95(2) |
| VDC | VAC | Capacitance Value (µF) | Size Code (New/Legacy) | B (mm)           | H (mm) | L (mm) | Chip Size | dV/dt (V/µs) | New KEMET Part Number | Legacy Part Number   |

(1) G = ±2%, R = ±2.5% (Legacy code = H), J = ±5%, K = ±10%.

(2) Insert ordering code for lead type and packaging. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont'd**

| VDC | VAC | Capacitance Value (µF) | Size Code (New/Legacy) | Dimensions in mm |        |        | Chip Size | dV/dt (V/µs) | New KEMET Part Number | Legacy Part Number    |
|-----|-----|------------------------|------------------------|------------------|--------|--------|-----------|--------------|-----------------------|-----------------------|
|     |     |                        |                        | B                | H      | L      |           |              |                       |                       |
| 50  | 30  | 0.47                   | SM/K95                 | 6.0              | 3.2    | 7.3    | 2824      | 8            | F126SM474(1)050(2)    | SMW7.3474(1)50K95(2)  |
| 50  | 30  | 0.56                   | SS/K97                 | 6.0              | 4.2    | 7.3    | 2824      | 8            | F126SS564(1)050(2)    | SMW7.3564(1)50K97(2)  |
| 100 | 63  | 0.0010                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH102(1)100(2)    | SMW5.7102(1)100J91(2) |
| 100 | 63  | 0.0012                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH122(1)100(2)    | SMW5.7122(1)100J91(2) |
| 100 | 63  | 0.0015                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH152(1)100(2)    | SMW5.7152(1)100J91(2) |
| 100 | 63  | 0.0018                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH182(1)100(2)    | SMW5.7182(1)100J91(2) |
| 100 | 63  | 0.0022                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH222(1)100(2)    | SMW5.7222(1)100J91(2) |
| 100 | 63  | 0.0027                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH272(1)100(2)    | SMW5.7272(1)100J91(2) |
| 100 | 63  | 0.0033                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH332(1)100(2)    | SMW5.7332(1)100J91(2) |
| 100 | 63  | 0.0039                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH392(1)100(2)    | SMW5.7392(1)100J91(2) |
| 100 | 63  | 0.0047                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH472(1)100(2)    | SMW5.7472(1)100J91(2) |
| 100 | 63  | 0.0056                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH562(1)100(2)    | SMW5.7562(1)100J91(2) |
| 100 | 63  | 0.0068                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH682(1)100(2)    | SMW5.7682(1)100J91(2) |
| 100 | 63  | 0.0082                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH822(1)100(2)    | SMW5.7822(1)100J91(2) |
| 100 | 63  | 0.010                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH103(1)100(2)    | SMW5.7103(1)100J91(2) |
| 100 | 63  | 0.012                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH123(1)100(2)    | SMW5.7123(1)100J91(2) |
| 100 | 63  | 0.015                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH153(1)100(2)    | SMW5.7153(1)100J91(2) |
| 100 | 63  | 0.018                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH183(1)100(2)    | SMW5.7183(1)100J91(2) |
| 100 | 63  | 0.022                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH223(1)100(2)    | SMW5.7223(1)100J91(2) |
| 100 | 63  | 0.027                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH273(1)100(2)    | SMW5.7273(1)100J91(2) |
| 100 | 63  | 0.033                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH333(1)100(2)    | SMW5.7333(1)100J91(2) |
| 100 | 63  | 0.039                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH393(1)100(2)    | SMW5.7393(1)100J91(2) |
| 100 | 63  | 0.047                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH473(1)100(2)    | SMW5.7473(1)100J91(2) |
| 100 | 63  | 0.056                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH563(1)100(2)    | SMW5.7563(1)100J91(2) |
| 100 | 63  | 0.068                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 15           | F126PH683(1)100(2)    | SMW5.7683(1)100J91(2) |
| 100 | 63  | 0.082                  | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 15           | F126PP823(1)100(2)    | SMW5.7823(1)100J93(2) |
| 100 | 63  | 0.10                   | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 15           | F126PP104(1)100(2)    | SMW5.7104(1)100J93(2) |
| 100 | 63  | 0.12                   | PU/J95                 | 5.0              | 4.0    | 5.7    | 2220      | 15           | F126PU124(1)100(2)    | SMW5.7124(1)100J95(2) |
| 100 | 63  | 0.15                   | PU/J95                 | 5.0              | 4.0    | 5.7    | 2220      | 15           | F126PU154(1)100(2)    | SMW5.7154(1)100J95(2) |
| 100 | 63  | 0.0022                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE222(1)100(2)    | SMW7.3222(1)100K91(2) |
| 100 | 63  | 0.0027                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE272(1)100(2)    | SMW7.3272(1)100K91(2) |
| 100 | 63  | 0.0033                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE332(1)100(2)    | SMW7.3332(1)100K91(2) |
| 100 | 63  | 0.0039                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE392(1)100(2)    | SMW7.3392(1)100K91(2) |
| 100 | 63  | 0.0047                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE472(1)100(2)    | SMW7.3472(1)100K91(2) |
| 100 | 63  | 0.0056                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE562(1)100(2)    | SMW7.3562(1)100K91(2) |
| 100 | 63  | 0.0068                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE682(1)100(2)    | SMW7.3682(1)100K91(2) |
| 100 | 63  | 0.0082                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE822(1)100(2)    | SMW7.3822(1)100K91(2) |
| 100 | 63  | 0.010                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE103(1)100(2)    | SMW7.3103(1)100K91(2) |
| 100 | 63  | 0.012                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE123(1)100(2)    | SMW7.3123(1)100K91(2) |
| 100 | 63  | 0.015                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE153(1)100(2)    | SMW7.3153(1)100K91(2) |
| 100 | 63  | 0.018                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE183(1)100(2)    | SMW7.3183(1)100K91(2) |
| 100 | 63  | 0.022                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE223(1)100(2)    | SMW7.3223(1)100K91(2) |
| 100 | 63  | 0.027                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE273(1)100(2)    | SMW7.3273(1)100K91(2) |
| 100 | 63  | 0.033                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE333(1)100(2)    | SMW7.3333(1)100K91(2) |
| 100 | 63  | 0.039                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE393(1)100(2)    | SMW7.3393(1)100K91(2) |
| 100 | 63  | 0.047                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE473(1)100(2)    | SMW7.3473(1)100K91(2) |
| 100 | 63  | 0.056                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE563(1)100(2)    | SMW7.3563(1)100K91(2) |
| 100 | 63  | 0.068                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE683(1)100(2)    | SMW7.3683(1)100K91(2) |
| 100 | 63  | 0.082                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE823(1)100(2)    | SMW7.3823(1)100K91(2) |
| 100 | 63  | 0.10                   | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 15           | F126SH104(1)100(2)    | SMW7.3104(1)100K93(2) |
| 100 | 63  | 0.12                   | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 15           | F126SH124(1)100(2)    | SMW7.3124(1)100K93(2) |
| 100 | 63  | 0.15                   | SM/K95                 | 6.0              | 3.2    | 7.3    | 2824      | 15           | F126SM154(1)100(2)    | SMW7.3154(1)100K95(2) |
| 100 | 63  | 0.18                   | SS/K97                 | 6.0              | 4.2    | 7.3    | 2824      | 15           | F126SS184(1)100(2)    | SMW7.3184(1)100K97(2) |
| 250 | 160 | 0.0010                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH102(1)250(2)    | SMW5.7102(1)250J91(2) |
| 250 | 160 | 0.0012                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH122(1)250(2)    | SMW5.7122(1)250J91(2) |
| 250 | 160 | 0.0015                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH152(1)250(2)    | SMW5.7152(1)250J91(2) |
| 250 | 160 | 0.0018                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH182(1)250(2)    | SMW5.7182(1)250J91(2) |
| 250 | 160 | 0.0022                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH222(1)250(2)    | SMW5.7222(1)250J91(2) |
| 250 | 160 | 0.0027                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH272(1)250(2)    | SMW5.7272(1)250J91(2) |
| VDC | VAC | Capacitance Value (µF) | Size Code (New/Legacy) | B (mm)           | H (mm) | L (mm) | Chip Size | dV/dt (V/µs) | New KEMET Part Number | Legacy Part Number    |

(1) G = ±2%, R = ±2.5% (Legacy code = H), J = ±5%, K = ±10%.

(2) Insert ordering code for lead type and packaging. See Ordering Options Table for available options.

**Table 1 – Ratings & Part Number Reference cont'd**

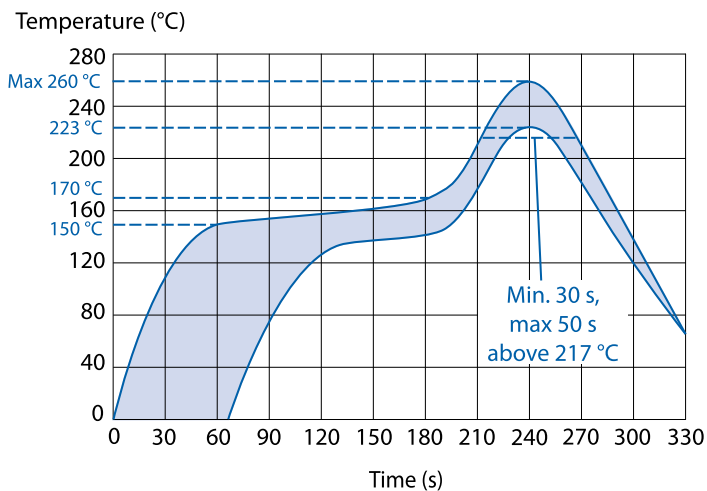
| VDC | VAC | Capacitance Value (µF) | Size Code (New/Legacy) | Dimensions in mm |        |        | Chip Size | dV/dt (V/µs) | New KEMET Part Number | Legacy Part Number    |
|-----|-----|------------------------|------------------------|------------------|--------|--------|-----------|--------------|-----------------------|-----------------------|
|     |     |                        |                        | B                | H      | L      |           |              |                       |                       |
| 250 | 160 | 0.0033                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH332(1)250(2)    | SMW5.7332(1)250J91(2) |
| 250 | 160 | 0.0039                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH392(1)250(2)    | SMW5.7392(1)250J91(2) |
| 250 | 160 | 0.0047                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH472(1)250(2)    | SMW5.7472(1)250J91(2) |
| 250 | 160 | 0.0056                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH562(1)250(2)    | SMW5.7562(1)250J91(2) |
| 250 | 160 | 0.0068                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH682(1)250(2)    | SMW5.7682(1)250J91(2) |
| 250 | 160 | 0.0082                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH822(1)250(2)    | SMW5.7822(1)250J91(2) |
| 250 | 160 | 0.010                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH103(1)250(2)    | SMW5.7103(1)250J91(2) |
| 250 | 160 | 0.012                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH123(1)250(2)    | SMW5.7123(1)250J91(2) |
| 250 | 160 | 0.015                  | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH153(1)250(2)    | SMW5.7153(1)250J91(2) |
| 250 | 160 | 0.018                  | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP183(1)250(2)    | SMW5.7183(1)250J93(2) |
| 250 | 160 | 0.022                  | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP223(1)250(2)    | SMW5.7223(1)250J93(2) |
| 250 | 160 | 0.027                  | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP273(1)250(2)    | SMW5.7273(1)250J93(2) |
| 250 | 160 | 0.033                  | PU/J95                 | 5.0              | 4.0    | 5.7    | 2220      | 20           | F126PU333(1)250(2)    | SMW5.7333(1)250J95(2) |
| 250 | 160 | 0.0022                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE222(1)250(2)    | SMW7.3222(1)250K91(2) |
| 250 | 160 | 0.0027                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE272(1)250(2)    | SMW7.3272(1)250K91(2) |
| 250 | 160 | 0.0033                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE332(1)250(2)    | SMW7.3332(1)250K91(2) |
| 250 | 160 | 0.0039                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE392(1)250(2)    | SMW7.3392(1)250K91(2) |
| 250 | 160 | 0.0047                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE472(1)250(2)    | SMW7.3472(1)250K91(2) |
| 250 | 160 | 0.0056                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE562(1)250(2)    | SMW7.3562(1)250K91(2) |
| 250 | 160 | 0.0068                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE682(1)250(2)    | SMW7.3682(1)250K91(2) |
| 250 | 160 | 0.0082                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE822(1)250(2)    | SMW7.3822(1)250K91(2) |
| 250 | 160 | 0.010                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE103(1)250(2)    | SMW7.3103(1)250K91(2) |
| 250 | 160 | 0.012                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE123(1)250(2)    | SMW7.3123(1)250K91(2) |
| 250 | 160 | 0.015                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE153(1)250(2)    | SMW7.3153(1)250K91(2) |
| 250 | 160 | 0.018                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE183(1)250(2)    | SMW7.3183(1)250K91(2) |
| 250 | 160 | 0.022                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE223(1)250(2)    | SMW7.3223(1)250K91(2) |
| 250 | 160 | 0.027                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 15           | F126SE273(1)250(2)    | SMW7.3273(1)250K91(2) |
| 250 | 160 | 0.033                  | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 15           | F126SH333(1)250(2)    | SMW7.3333(1)250K93(2) |
| 250 | 160 | 0.039                  | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 15           | F126SH393(1)250(2)    | SMW7.3393(1)250K93(2) |
| 250 | 160 | 0.047                  | SM/K95                 | 6.0              | 3.2    | 7.3    | 2824      | 15           | F126SM473(1)250(2)    | SMW7.3473(1)250K95(2) |
| 250 | 160 | 0.056                  | SS/K97                 | 6.0              | 4.2    | 7.3    | 2824      | 15           | F126SS563(1)250(2)    | SMW7.3563(1)250K97(2) |
| 250 | 160 | 0.068                  | SS/K97                 | 6.0              | 4.2    | 7.3    | 2824      | 15           | F126SS683(1)250(2)    | SMW7.3683(1)250K97(2) |
| 400 | 200 | 0.0010                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH102(1)400(2)    | SMW5.7102(1)400J91(2) |
| 400 | 200 | 0.0012                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH122(1)400(2)    | SMW5.7122(1)400J91(2) |
| 400 | 200 | 0.0015                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH152(1)400(2)    | SMW5.7152(1)400J91(2) |
| 400 | 200 | 0.0018                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH182(1)400(2)    | SMW5.7182(1)400J91(2) |
| 400 | 200 | 0.0022                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH222(1)400(2)    | SMW5.7222(1)400J91(2) |
| 400 | 200 | 0.0027                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH272(1)400(2)    | SMW5.7272(1)400J91(2) |
| 400 | 200 | 0.0033                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH332(1)400(2)    | SMW5.7332(1)400J91(2) |
| 400 | 200 | 0.0039                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH392(1)400(2)    | SMW5.7392(1)400J91(2) |
| 400 | 200 | 0.0047                 | PH/J91                 | 5.0              | 2.0    | 5.7    | 2220      | 20           | F126PH472(1)400(2)    | SMW5.7472(1)400J91(2) |
| 400 | 200 | 0.0056                 | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP562(1)400(2)    | SMW5.7562(1)400J93(2) |
| 400 | 200 | 0.0068                 | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP682(1)400(2)    | SMW5.7682(1)400J93(2) |
| 400 | 200 | 0.0082                 | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP822(1)400(2)    | SMW5.7822(1)400J93(2) |
| 400 | 200 | 0.010                  | PP/J93                 | 5.0              | 3.0    | 5.7    | 2220      | 20           | F126PP103(1)400(2)    | SMW5.7103(1)400J93(2) |
| 400 | 200 | 0.012                  | PU/J95                 | 5.0              | 4.0    | 5.7    | 2220      | 20           | F126PU123(1)400(2)    | SMW5.7123(1)400J95(2) |
| 400 | 200 | 0.015                  | PU/J95                 | 5.0              | 4.0    | 5.7    | 2220      | 20           | F126PU153(1)400(2)    | SMW5.7153(1)400J95(2) |
| 400 | 200 | 0.0022                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE222(1)400(2)    | SMW7.3222(1)400K91(2) |
| 400 | 200 | 0.0027                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE272(1)400(2)    | SMW7.3272(1)400K91(2) |
| 400 | 200 | 0.0033                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE332(1)400(2)    | SMW7.3332(1)400K91(2) |
| 400 | 200 | 0.0039                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE392(1)400(2)    | SMW7.3392(1)400K91(2) |
| 400 | 200 | 0.0047                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE472(1)400(2)    | SMW7.3472(1)400K91(2) |
| 400 | 200 | 0.0056                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE562(1)400(2)    | SMW7.3562(1)400K91(2) |
| 400 | 200 | 0.0068                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE682(1)400(2)    | SMW7.3682(1)400K91(2) |
| 400 | 200 | 0.0082                 | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE822(1)400(2)    | SMW7.3822(1)400K91(2) |
| 400 | 200 | 0.010                  | SE/K91                 | 6.0              | 2.0    | 7.3    | 2824      | 20           | F126SE103(1)400(2)    | SMW7.3103(1)400K91(2) |
| 400 | 200 | 0.012                  | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 20           | F126SH123(1)400(2)    | SMW7.3123(1)400K93(2) |
| 400 | 200 | 0.015                  | SH/K93                 | 6.0              | 2.7    | 7.3    | 2824      | 20           | F126SH153(1)400(2)    | SMW7.3153(1)400K93(2) |
| 400 | 200 | 0.018                  | SM/K95                 | 6.0              | 3.2    | 7.3    | 2824      | 20           | F126SM183(1)400(2)    | SMW7.3183(1)400K95(2) |
| 400 | 200 | 0.022                  | SM/K95                 | 6.0              | 3.2    | 7.3    | 2824      | 20           | F126SM223(1)400(2)    | SMW7.3223(1)400K95(2) |
| VDC | VAC | Capacitance Value (µF) | Size Code (New/Legacy) | B (mm)           | H (mm) | L (mm) | Chip Size | dV/dt (V/µs) | New KEMET Part Number | Legacy Part Number    |

(1) G = ±2%, R = ±2.5% (Legacy code = H), J = ±5%, K = ±10%.

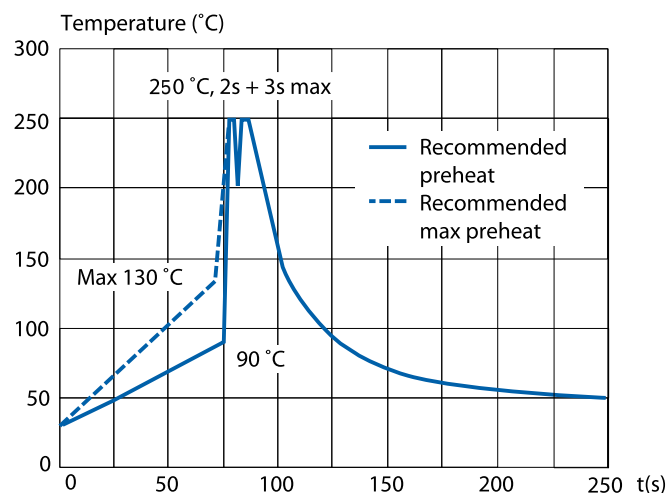
(2) Insert ordering code for lead type and packaging. See Ordering Options Table for available options.

## Soldering Process

Reflow soldering temperature is measured on the top body surface of the component. Preheating temperature should be less than 170°C. The time above 217°C should be less than 50 seconds. The peak temperature must not exceed 260°C.



Wave soldering: The recommended preheating temperature is 90°C (130°C maximum). The peak temperature 250°C may be applied for 2 – 5 seconds maximum. KEMET recommends wave soldering for parts with up to 2 mm height.



## Marking

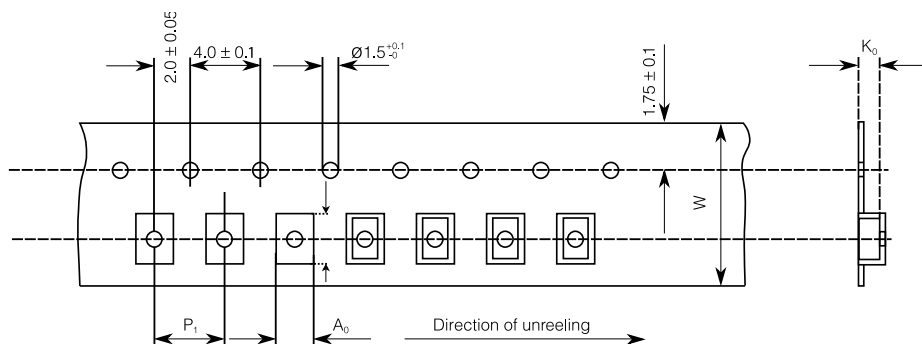
- Capacitance
- Capacitance tolerance code
- Rated voltage code
- Capacitor type S for SMW
- Manufacturing date code

## Packaging Quantities

| Chip Size (EIA) | Base (mm) | Height (mm) | Length (mm) | Bulk | Reel Horizontal Orientation |
|-----------------|-----------|-------------|-------------|------|-----------------------------|
| 2220            | 5.0       | 2.0         | 5.7         | 2000 | 3100                        |
| 2220            | 5.0       | 3.0         | 5.7         | 2000 | 2400                        |
| 2220            | 5.0       | 4.0         | 5.7         | 2000 | 2100                        |
| 2824            | 6.0       | 2.0         | 7.3         | 2000 | 3100                        |
| 2824            | 6.0       | 2.7         | 7.3         | 2000 | 2500                        |
| 2824            | 6.0       | 3.2         | 7.3         | 2000 | 2300                        |
| 2824            | 6.0       | 4.2         | 7.3         | 1000 | 1700                        |

## Carrier Taping & Packaging (IEC 60286-2)

### Horizontal Taping Orientation



| Chip Size (EIA)<br>Horizontal Mounting | Dimensions in mm |         |         | Taping Specification |        |         |         |         |        |       |         |
|----------------------------------------|------------------|---------|---------|----------------------|--------|---------|---------|---------|--------|-------|---------|
|                                        | B                | H       | L       | W                    | $P_1$  | $A_0$   | $B_0$   | $K_0$   | D      | $W_1$ | $W_2$   |
|                                        | Nominal          | Nominal | Nominal | -0/+0.3              | +/-0.1 | Nominal | Nominal | Nominal | -/+2.0 | -0/+2 | Maximum |
| 2220                                   | 5.0              | 2.0     | 5.7     | 12.0                 | 8.0    | 5.5     | 6.0     | 2.8     | 330    | 12.4  | 22.0    |
| 2220                                   | 5.0              | 3.0     | 5.7     | 12.0                 | 8.0    | 5.5     | 6.0     | 3.3     | 330    | 12.4  | 22.0    |
| 2220                                   | 5.0              | 4.0     | 5.7     | 12.0                 | 8.0    | 5.5     | 6.0     | 4.3     | 330    | 12.4  | 22.0    |
| 2824                                   | 6.0              | 2.0     | 7.3     | 12.0                 | 8.0    | 6.5     | 7.5     | 2.8     | 330    | 12.4  | 22.0    |
| 2824                                   | 6.0              | 2.7     | 7.3     | 12.0                 | 8.0    | 6.5     | 7.5     | 3.3     | 330    | 12.4  | 22.0    |
| 2824                                   | 6.0              | 3.2     | 7.3     | 12.0                 | 8.0    | 6.5     | 7.5     | 3.8     | 330    | 12.4  | 22.0    |
| 2824                                   | 6.0              | 4.2     | 7.3     | 12.0                 | 8.0    | 6.5     | 7.5     | 4.8     | 330    | 12.4  | 22.0    |

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*Note: KEMET reserves the right to modify minor details of internal and external construction at any time in the interest of product improvement. KEMET does not assume any responsibility for infringement that might result from the use of KEMET Capacitors in potential circuit designs. KEMET is a registered trademark of KEMET Electronics Corporation.*

## Other KEMET Resources

| Tools                          |                                                                             |
|--------------------------------|-----------------------------------------------------------------------------|
| Resource                       | Location                                                                    |
| Configure A Part: CapEdge      | <a href="http://capacitoredge.kemet.com">http://capacitoredge.kemet.com</a> |
| SPICE & FIT Software           | <a href="http://www.kemet.com/spice">http://www.kemet.com/spice</a>         |
| Search Our FAQs: KnowledgeEdge | <a href="http://www.kemet.com/keask">http://www.kemet.com/keask</a>         |
| Electrolytic LifeCalculator    | <a href="http://www.kemet.com:8080/elc">http://www.kemet.com:8080/elc</a>   |

| Product Information                                  |                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Resource                                             | Location                                                                                  |
| Products                                             | <a href="http://www.kemet.com/products">http://www.kemet.com/products</a>                 |
| Technical Resources (Including Soldering Techniques) | <a href="http://www.kemet.com/technicalpapers">http://www.kemet.com/technicalpapers</a>   |
| RoHS Statement                                       | <a href="http://www.kemet.com/rohs">http://www.kemet.com/rohs</a>                         |
| Quality Documents                                    | <a href="http://www.kemet.com/qualitydocuments">http://www.kemet.com/qualitydocuments</a> |

| Product Request         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| Resource                | Location                                                              |
| Sample Request          | <a href="http://www.kemet.com/sample">http://www.kemet.com/sample</a> |
| Engineering Kit Request | <a href="http://www.kemet.com/kits">http://www.kemet.com/kits</a>     |

| Contact            |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Resource           | Location                                                                            |
| Website            | <a href="http://www.kemet.com">www.kemet.com</a>                                    |
| Contact Us         | <a href="http://www.kemet.com/contact">http://www.kemet.com/contact</a>             |
| Investor Relations | <a href="http://www.kemet.com/ir">http://www.kemet.com/ir</a>                       |
| Call Us            | 1-877-MyKEMET                                                                       |
| Twitter            | <a href="http://twitter.com/kemetcapacitors">http://twitter.com/kemetcapacitors</a> |

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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;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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