



Click [here](#) for the 3D model.

**General Information**

|             |                         |
|-------------|-------------------------|
| Supplier    | KEMET                   |
| Series      | VP                      |
| Type        | Varistors               |
| Style       | SMD Molded              |
| Description | Surface Mount Varistors |
| Features    | Plastic Encapsulated    |
| Termination | Nickel Tin              |
| RoHS        | With Exemptions         |

**Dimensions**

|                      |                |
|----------------------|----------------|
| L                    | 8mm +/-0.5mm   |
| W                    | 6.3mm +/-0.4mm |
| H                    | 4.7mm +/-0.3mm |
| F                    | 3mm +/-0.3mm   |
| B                    | 1.5mm +/-0.3mm |
| K                    | 2.3mm +/-0.3mm |
| Case Code (EIA / mm) | 3225 / 8136    |

**Packaging Specifications**

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 1000 |

**Specifications**

|                           |                        |
|---------------------------|------------------------|
| Voltage DC                | 225 VDC (25C)          |
| Voltage AC                | 175 VAC                |
| Temperature Range         | -40/+85°C              |
| Storage Temperature Range | -40/+125°C             |
| Varistor Voltage          | 270 VDC at 1 mA        |
| Clamping Voltage          | 455 V                  |
| Clamping Current          | 5 A (8/20 us MAX)      |
| Surge Current             | 400 A (8/20 us MAX)    |
| Energy                    | 9.5 J (10/1000 us MAX) |
| Power                     | 0.1 W (MAX)            |
| Capacitance               | 120 pF (1kHz)          |

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