



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

**General Information**

|                          |                                       |
|--------------------------|---------------------------------------|
| Series                   | PHV227                                |
| Dielectric               | Hybrid Polymer                        |
| Style                    | Vertical SMD                          |
| Description              | Vertical Surface Mount Hybrid Polymer |
| RoHS                     | Yes                                   |
| Lead                     | Radial SMD                            |
| Qualifications           | AEC-Q200                              |
| Halogen Free             | Yes                                   |
| Typical Component Weight | 10 g                                  |
| Shelf Life               | 520 Weeks                             |

**Specifications**

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| Capacitance       | 1,400 uF                                                                 |
| Tolerance         | 20%                                                                      |
| Voltage DC        | 35 VDC                                                                   |
| Temperature Range | -40/+125°C                                                               |
| Rated Temperature | 125°C                                                                    |
| ESR               | 146 mOhms (100Hz 20C), 9.2 mOhms (100kHz 125C)                           |
| Ripple Current    | 28.1 Amps (100kHz 90C), 25.4 Amps (100kHz 105C), 19.3 Amps (100kHz 125C) |
| Leakage Current   | 245 uA (5min 20°C)                                                       |

**Dimensions**

|   |                 |
|---|-----------------|
| L | 28.9mm +/-1mm   |
| W | 17mm +/-0.5mm   |
| T | 2.5mm +/-0.3mm  |
| S | 3mm +/-0.3mm    |
| E | 22.5mm +/-0.5mm |

**Packaging Specifications**

|           |      |
|-----------|------|
| Packaging | Tray |
|-----------|------|

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