



Note: '()' correspond to the letters used in the product bulletin

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

#### General Information

|                          |                         |
|--------------------------|-------------------------|
| Series                   | PHA227                  |
| Dielectric               | Hybrid Polymer          |
| Style                    | Axial                   |
| Description              | Hybrid Axial Capacitors |
| RoHS                     | Yes                     |
| Lead                     | Wire Leads              |
| Qualifications           | AEC-Q200                |
| AEC-Q200                 | Yes                     |
| Halogen Free             | Yes                     |
| Typical Component Weight | 20 g                    |
| Shelf Life               | 520 Weeks               |

#### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 1,500 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 63 VDC   |
| Temperature Range | -40/+125°C   |
| Rated Temperature | 125°C  |
| ESR               | 55 mOhms (100Hz 20C), 4.7 mOhms (100kHz -40C to 125C)                  |
| Ripple Current    | 43.1 Amps (100kHz 90C), 40 Amps (100kHz 105C), 26.7 Amps (100kHz 125C) |
| Leakage Current   | 472.5 uA   |

#### Dimensions

|    |                 |
|----|-----------------|
| D  | 20.2mm +/-0.5mm |
| L  | 34.7mm +/-1mm   |
| L1 | 41mm MIN        |
| LL | 40mm +/-2mm     |
| F  | 1mm +/-0.03mm   |

#### Packaging Specifications

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

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