



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

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

### Dimensions

|    |                 |
|----|-----------------|
| D  | 18.2mm +/-0.5mm |
| L  | 34.7mm +/-1mm   |
| L1 | 41mm MIN        |
| LL | 40mm +/-2mm     |
| F  | 1mm +/-0.03mm   |

### Packaging Specifications

|           |      |
|-----------|------|
| Weight    | 20 g |
| Packaging | Tray |

### General Information

|                |                         |
|----------------|-------------------------|
| Series         | PHA225                  |
| Dielectric     | Hybrid Polymer          |
| Style          | Axial                   |
| Description    | Hybrid Axial Capacitors |
| RoHS           | Yes                     |
| Lead           | Wire Leads              |
| Qualifications | AEC-Q200                |
| AEC-Q200       | Yes                     |
| Halogen Free   | Yes                     |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1,100 uF   |
| Capacitance Tolerance | -10/+30%   |
| Voltage DC            | 40 VDC   |
| Temperature Range     | -40/+125°C   |
| Rated Temperature     | 125°C  |
| Resistance            | 80 mOhms (100Hz 20C), 6 mOhms (100kHz 125C)  |
| Ripple Current        | 40.9 Amps (100kHz 70C), 33.4 Amps (100kHz 90C), 27 Amps (100kHz 105C), 15.5 Amps (100kHz 125C) |
| Leakage Current       | 220 uA (5min 20°C)   |