



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 | 4,200 uF |
| Tolerance | 20% |
| Voltage DC | 35 VDC |
| Temperature Range | -40/+125°C |
| Rated Temperature | 125°C |
| ESR | 46 mOhms (100Hz 20C), 4.6 mOhms (100kHz -40C to 125C) |
| Ripple Current | 43.6 Amps (100kHz 90C), 41.5 Amps (100kHz 105C), 28.6 Amps (100kHz 125C) |
| Leakage Current | 735 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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