



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

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

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 |
| Typical Component Weight | 20 g |
| Shelf Life | 520 Weeks |

Specifications

| | |
|-------------------|------------------------------------------------------------------------------------------------|
| Capacitance | 560 uF |
| Tolerance | -10/+30% |
| Voltage DC | 63 VDC |
| Temperature Range | -40/+125°C |
| Rated Temperature | 125°C |
| ESR | 92 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 | 176.4 uA (5min 20°C) |

Dimensions

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

Packaging Specifications

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