



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

General Information

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|----------------|---------------------------------------|
| Series | A7C5 |
| Dielectric | Hybrid Polymer |
| Description | 150C, Hybrid Polymer Radial, AEC-Q200 |
| RoHS | Yes |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |

Dimensions

| | |
|-------------|-----------------|
| D | 10mm +/-0.5mm |
| L | 9.5mm +/-1mm |
| S | 5mm +/-0.5mm |
| LL Negative | 18.5mm MIN |
| LL Positive | 22.5mm MIN |
| F | 0.6mm +/-0.05mm |

Specifications

| | |
|--------------------|--|
| Capacitance | 82 uF |
| Tolerance | 20% |
| Voltage DC | 63 VDC, 72.45 VDC (Surge) |
| Temperature Range | -55/+150°C |
| Rated Temperature | 150°C |
| Life | 1000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Dissipation Factor | 8% 120Hz 20C |
| ESR | 30 mOhms (100kHz 20C) |
| Ripple Current | 3100 mAmps (100kHz 125C), 2200 mAmps (100kHz 135C), 1400 mAmps (100kHz 150C) |
| Leakage Current | 51.7 uA (2min 20°C) |

Packaging Specifications

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|-----------|------|
| Packaging | Ammo |
|-----------|------|

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