



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

General Information

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

Dimensions

| | |
|-------------|-----------------|
| D | 10mm +/-0.5mm |
| L | 9.5mm +/-1mm |
| S | 5mm +/-0.5mm |
| LL Negative | 15mm MIN |
| LL Positive | 19mm MIN |
| F | 0.6mm +/-0.05mm |

Packaging Specifications

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|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 16000 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 120 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 50 VDC, 57.5 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 | 10% 120Hz 20C |
| ESR | 28 mOhms (100kHz 20C) |
| Ripple Current | 3200 mAmps (100kHz 125C), 2300 mAmps (100kHz 135C), 1500 mAmps (100kHz 150C) |
| Leakage Current | 60 uA (2min 20°C) |

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