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**General Information**

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

**Dimensions**

|             |                 |
|-------------|-----------------|
| D           | 10mm +/-0.5mm   |
| L           | 15.5mm +/-1mm   |
| S           | 5mm +/-0.5mm    |
| LL Negative | 15mm MIN        |
| LL Positive | 19mm MIN        |
| F           | 0.6mm +/-0.05mm |

**Specifications**

|                    |  |
|--------------------|--|
| Capacitance        | 180 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                | 13 mOhms (100kHz 20C)  |
| Ripple Current     | 5500 mAmps (100kHz 125C),<br>4000 mAmps (100kHz 135C),<br>2200 mAmps (100kHz 150C) |
| Leakage Current    | 113.4 uA (2min 20°C)   |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 10000     |

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