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**General Information**

|                |  |
|----------------|--|
| Series         | A7C8   |
| Dielectric     | Hybrid Polymer                                 |
| Description    | 125C, Hybrid Polymer Radial, High CV, AEC-Q200 |
| RoHS           | Yes  |
| Lead           | Wire Leads                                     |
| Qualifications | AEC-Q200                                       |
| Halogen Free   | Yes  |

**Dimensions**

|             |                 |
|-------------|-----------------|
| D           | 10mm +/-0.5mm   |
| L           | 11.5mm +/-1mm   |
| S           | 5mm +/-0.5mm    |
| LL Negative | 15mm MIN        |
| LL Positive | 19mm MIN        |
| F           | 0.6mm +/-0.05mm |

**Specifications**

|                    |   |
|--------------------|---|
| Capacitance        | 420 uF  |
| Tolerance          | 20%   |
| Voltage DC         | 35 VDC, 44.8 VDC (Surge)                              |
| Temperature Range  | -55/+125°C  |
| Rated Temperature  | 125°C   |
| Life               | 4000 Hrs  |
| Dissipation Factor | 12% 120Hz 20C   |
| ESR                | 12 mOhms (100kHz 20C)                                 |
| Ripple Current     | 5000 mAmps (100kHz 125C),<br>3500 mAmps (100kHz 135C) |
| Leakage Current    | 147 uA (2min 20°C)                                    |

**Packaging Specifications**

|           |           |
|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

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