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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           | 8mm +/-0.5mm    |
| L           | 9mm +/-1mm      |
| S           | 3.5mm +/-0.5mm  |
| LL Negative | 15mm MIN        |
| LL Positive | 19mm MIN        |
| F           | 0.6mm +/-0.05mm |

**Specifications**

|                    |   |
|--------------------|---|
| Capacitance        | 220 uF  |
| Tolerance          | 20%   |
| Voltage DC         | 25 VDC, 28.75 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 | 14% 120Hz 20C   |
| ESR                | 29 mOhms (100kHz 20C)   |
| Ripple Current     | 2600 mAmps (100kHz 125C), 1600 mAmps (100kHz 135C), 800 mAmps (100kHz 150C) |
| Leakage Current    | 55 uA (2min 20°C)   |

**Packaging Specifications**

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 20000     |

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