



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

## Dimensions

|   |                 |
|---|-----------------|
| D | 8mm +/-0.5mm    |
| L | 9mm +/-1mm      |
| S | 3.5mm +/-0.5mm  |
| F | 0.6mm +/-0.05mm |

## Packaging Specifications

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

## General Information

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

## Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 47 uF  |
| Capacitance 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                   | 45 mOhms (100kHz 20C)  |
| Ripple Current        | 2400 mAmps (100kHz 125C), 1700 mAmps (100kHz 135C), 1100 mAmps (100kHz 150C) |
| Leakage Current       | 29.6 uA (2min 20°C)  |

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