



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

**General Information**

|                          |                                 |
|--------------------------|---------------------------------|
| Series                   | A700                            |
| Dielectric               | Polymer Aluminum                |
| Style                    | SMD Chip                        |
| Description              | Surface Mount, Polymer Aluminum |
| RoHS                     | Yes                             |
| Termination              | Tin                             |
| Qualifications           | UL94V-0                         |
| Halogen Free             | Yes                             |
| Typical Component Weight | 305.03 mg                       |
| Shelf Life               | 52 Weeks                        |
| MSL                      | 3                               |

**Specifications**

|                    |                       |
|--------------------|-----------------------|
| Capacitance        | 180 uF                |
| Tolerance          | 20%                   |
| Voltage DC         | 2.5 VDC               |
| Temperature Range  | -55/+125°C            |
| Rated Temperature  | 125°C                 |
| Life               | 2000 Hrs (125C)       |
| Dissipation Factor | 6% 120Hz 25C          |
| ESR                | 18 mOhms (100kHz 25C) |
| Ripple Current     | 3500 mA (rms 100kHz)  |
| Leakage Current    | 27 uA (5min 25°C)     |

**Dimensions**

|   |                |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 4mm +/-0.3mm   |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

**Packaging Specifications**

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 180mm |
| Packaging Quantity | 500        |

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