



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

General Information

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|--------------------------|---------------------------------|
| 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 | 196.58 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

Specifications

| | |
|--------------------|-----------------------|
| Capacitance | 47 uF |
| Tolerance | 20% |
| Voltage DC | 12.5 VDC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 125°C |
| Life | 2000 Hrs (125C) |
| Dissipation Factor | 6% 120Hz 25C |
| ESR | 40 mOhms (100kHz 25C) |
| Ripple Current | 2500 mA (rms 100kHz) |
| Leakage Current | 24 uA (5min 25°C) |

Dimensions

| | |
|---|----------------|
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

Packaging Specifications

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

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