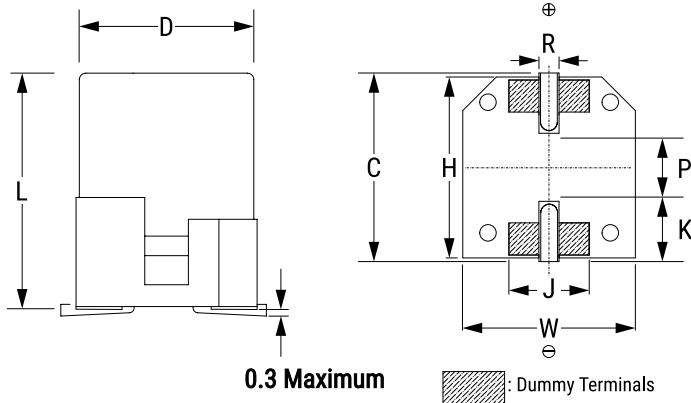




Click [here](#) for the 3D model.

#### General Information

|                |                                        |
|----------------|----------------------------------------|
| Series         | A781                                   |
| Dielectric     | Hybrid Polymer                         |
| Style          | SMD Can                                |
| Description    | Surface Mount, Hybrid Aluminum Polymer |
| RoHS           | Yes                                    |
| Lead           | V-Chip                                 |
| Qualifications | AEC-Q200                               |
| AEC-Q200       | Yes                                    |
| Halogen Free   | Yes                                    |
| Shelf Life     | 52 Weeks                               |
| MSL            | 1                                      |

#### Specifications

|                         |                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacitance             | 470 uF                                                                                                                                                        |
| Tolerance               | 20%                                                                                                                                                           |
| Voltage DC              | 25 VDC, 28.75 VDC (Surge)                                                                                                                                     |
| Temperature Range       | -55/+135°C                                                                                                                                                    |
| Rated Temperature       | 135°C                                                                                                                                                         |
| Life                    | 2000 Hrs                                                                                                                                                      |
| Dissipation Factor      | 14% 120Hz 20C                                                                                                                                                 |
| ESR                     | 25 mOhms (100kHz 20C)                                                                                                                                         |
| Ripple Current          | 2200 mAmps (100kHz 125C),<br>2500 mAmps (100kHz 135C),<br>7000 mAmps (100kHz 105C<br>MAX, With Heat Sink), 4500<br>mAmps (100kHz 125C MAX, With<br>Heat Sink) |
| High Temperature Solder | Yes                                                                                                                                                           |
| Leakage Current         | 117.5 uA (2min 20°C)                                                                                                                                          |

#### Dimensions

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 10.4mm +/-0.3mm |
| W | 10.3mm +/-0.2mm |
| H | 10.8mm +/-0.2mm |
| C | 11.2mm +/-0.2mm |
| J | 4.4mm NOM       |
| K | 3.2mm NOM       |
| P | 4.6mm NOM       |
| R | 0.7 - 1.1mm     |

#### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, 380mm |
| Packaging Quantity | 500        |

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