



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

### Dimensions

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 12.2mm +/-0.5mm |
| W | 10.3mm +/-0.2mm |
| H | 10.3mm +/-0.2mm |
| C | 11mm +/-0.2mm   |
| P | 4.6mm NOM       |
| R | 0.8 - 1.1mm     |

### Packaging Specifications

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

### General Information

|                |                                 |
|----------------|---------------------------------|
| Series         | A780                            |
| Dielectric     | Hybrid Polymer                  |
| Style          | SMD Can                         |
| Description    | Surface Mount, Polymer Aluminum |
| RoHS           | Yes                             |
| Lead           | V-Chip                          |
| Qualifications | AEC-Q200                        |
| AEC-Q200       | Yes                             |
| Halogen Free   | Yes                             |
| Shelf Life     | 52 Weeks                        |
| MSL            | 1                               |

### Specifications

|                         |                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------|
| Capacitance             | 330 uF                                                                                                               |
| Capacitance Tolerance   | 20%                                                                                                                  |
| Voltage DC              | 35 VDC, 40.25 VDC (Surge)                                                                                            |
| Temperature Range       | -55/+125°C                                                                                                           |
| Rated Temperature       | 125°C                                                                                                                |
| Life                    | 4000 Hrs                                                                                                             |
| Dissipation Factor      | 12% 120Hz 20C                                                                                                        |
| ESR                     | 20 mOhms (100kHz 20C)                                                                                                |
| Ripple Current          | 2200 mAmps (100kHz 125C), 7300 mAmps (100kHz 105C MAX, With Heat Sink), 4200 mAmps (100kHz 125C MAX, With Heat Sink) |
| Leakage Current         | 115.5 uA (2min 20°C)                                                                                                 |
| High Temperature Solder | Yes                                                                                                                  |