



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

| Dimensions |                 |
|------------|-----------------|
| D          | 10mm +/-0.5mm   |
| L          | 12.4mm +/-0.5mm |
| 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 |

| 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             | 56 uF  |
| Capacitance Tolerance   | 20%  |
| Voltage DC              | 63 VDC, 72.4 VDC (Surge)   |
| Temperature Range       | -55/+125°C   |
| Rated Temperature       | 125°C  |
| Life                    | 4000 Hrs   |
| Dissipation Factor      | 8% 120Hz 20C   |
| ESR                     | 30 mOhms (100kHz 20C)  |
| Ripple Current          | 1800 mAmps (100kHz 125C), 5950 mAmps (100kHz 105C MAX, With Heat Sink), 3400 mAmps (100kHz 125C MAX, With Heat Sink) |
| Leakage Current         | 35.28 uA (2min 20°C)   |
| High Temperature Solder | Yes  |

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