



#### General Information

|                |                                 |
|----------------|---------------------------------|
| Series         | A770                            |
| Dielectric     | Polymer Aluminum                |
| Style          | SMD Can                         |
| Description    | Surface Mount, Polymer Aluminum |
| RoHS           | Yes                             |
| Lead           | V-Chip                          |
| Qualifications | AEC-Q200                        |
| AEC-Q200       | Yes                             |
| Halogen Free   | Yes                             |

#### Dimensions

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 12.2mm +/-0.3mm |
| 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 |
| Packaging Quantity | 400        |

#### Specifications

|                         |                          |
|-------------------------|--------------------------|
| Capacitance             | 1,000 uF                 |
| Tolerance               | 20%                      |
| Voltage DC              | 16 VDC                   |
| Temperature Range       | -55/+125°C               |
| Rated Temperature       | 125°C                    |
| Life                    | 2000 Hrs                 |
| ESR                     | 15 mOhms (100kHz 20C)    |
| Ripple Current          | 2700 mAmps (100kHz 125C) |
| High Temperature Solder | Yes                      |
| Leakage Current         | 480 uA (2min 20°C)       |

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