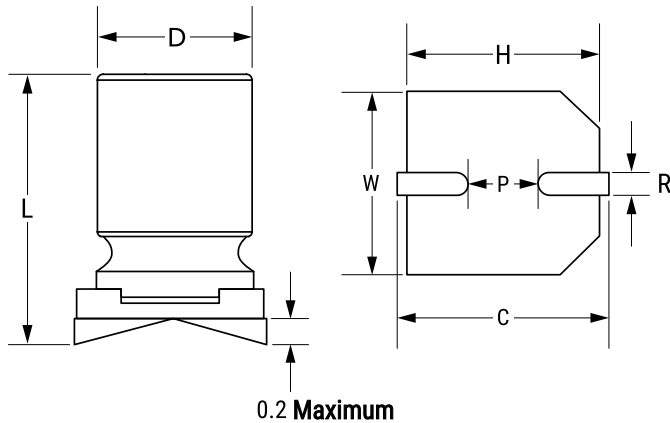




Click [here](#) for the 3D model.

#### General Information

|                |                                        |
|----------------|----------------------------------------|
| Series         | A742                                   |
| Dielectric     | Hybrid Polymer                         |
| Style          | SMD Can                                |
| Description    | Surface Mount, Hybrid Aluminum Polymer |
| RoHS           | Yes                                    |
| Lead           | V-Chip                                 |
| Qualifications | AEC-Q200                               |
| Halogen Free   | Yes                                    |
| Shelf Life     | 104 Weeks                              |

#### Dimensions

|   |                 |
|---|-----------------|
| D | 10mm +/-0.5mm   |
| L | 10.2mm +/-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 |
|-----------|------------|

#### Specifications

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| Capacitance        | 560 uF                                                |
| Tolerance          | 20%                                                   |
| Voltage DC         | 25 VDC, 32 VDC (Surge)                                |
| Temperature Range  | -55/+135°C                                            |
| Rated Temperature  | 135°C                                                 |
| Life               | 4000 Hrs                                              |
| Dissipation Factor | 14% 120Hz 20C                                         |
| ESR                | 16 mOhms (100kHz 20C)                                 |
| Ripple Current     | 3500 mAmps (100kHz 125C),<br>2200 mAmps (100kHz 135C) |
| Leakage Current    | 140 uA (2min 20°C)                                    |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.