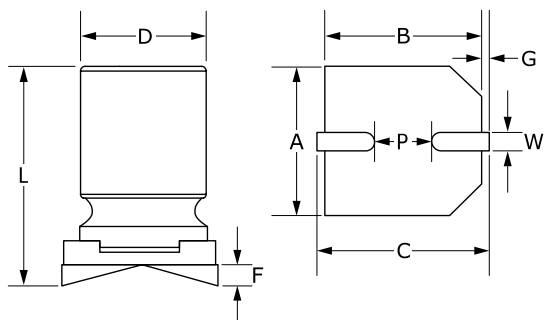


A768, Polymer Aluminum, 270 uF, 20%, 40 VDC, -55/+125°C



### General Information

|                      |                                 |
|----------------------|---------------------------------|
| <b>Series:</b>       | A768                            |
| <b>Dielectric:</b>   | Polymer Aluminum                |
| <b>Style:</b>        | SMD Can                         |
| <b>Description:</b>  | Surface Mount, Polymer Aluminum |
| <b>RoHS:</b>         | Yes                             |
| <b>Lead:</b>         | V-Chip                          |
| <b>AEC-Q200:</b>     | No                              |
| <b>Halogen Free:</b> | Yes                             |

### Dimensions

|          |                 |
|----------|-----------------|
| <b>D</b> | 10mm +/-0.5mm   |
| <b>L</b> | 12.2mm +/-0.5mm |
| <b>W</b> | 0.8 - 1.1mm     |
| <b>F</b> | 0.2mm MAX       |
| <b>A</b> | 10.3mm +/-0.2mm |
| <b>B</b> | 10.3mm +/-0.2mm |
| <b>C</b> | 11mm +/-0.2mm   |
| <b>G</b> | 0.35mm +/-0.2mm |
| <b>P</b> | 3.2mm NOM       |

### Specifications

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Capacitance:</b>             | 270 uF                   |
| <b>Capacitance Tolerance:</b>   | 20%                      |
| <b>Voltage DC:</b>              | 40 VDC, 46 VDC (Surge)   |
| <b>Temperature Range:</b>       | -55/+125°C               |
| <b>Rated Temperature:</b>       | 125°C                    |
| <b>Life:</b>                    | 2000 Hrs                 |
| <b>Resistance:</b>              | 22 mOhms (100kHz 20C)    |
| <b>Ripple Current:</b>          | 2200 mAmps (100kHz 125C) |
| <b>Leakage Current:</b>         | 2160 uA (2min 20°C)      |
| <b>High Temperature Solder:</b> | No                       |

### Packaging Specifications

|                            |            |
|----------------------------|------------|
| <b>Packaging:</b>          | T&R, 380mm |
| <b>Packaging Quantity:</b> | 400        |