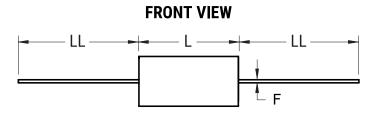


## A50CH42202600K

Aliases (50CH42202600K) A50, Film, Metallized Polyester, Automotive Grade, 2.2 uF, 10%, 50 VDC, 30 VAC, 85°C



## **SIDE VIEW**



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm MAX         |
| L          | 14mm MAX        |
| LL         | 20mm MIN        |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |     |  |
|--------------------------|-----|--|
| Packaging                | T&R |  |
| Packaging Quantity       | 900 |  |

| General Information      |   |
|--------------------------|---|
| Series                   | A50   |
| Dielectric               | Metallized Polyester  |
| Style                    | Axial   |
| Features                 | Automotive Grade  |
| RoHS                     | Yes   |
| Lead                     | Wire Leads  |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 1g  |
| Miscellaneous            | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C. maxK0 =<br>400. |

| Specifications        |                         |
|-----------------------|-------------------------|
| Capacitance           | 2.2 uF                  |
| Tolerance             | 10%                     |
| Voltage DC            | 50 VDC, 37.5 VDC (105C) |
| Voltage AC            | 30 VAC                  |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz   |
| Insulation Resistance | 454.6 MOhms             |
| Max dV/dt             | 4 V/us                  |
| Inductance            | 7 nH                    |

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