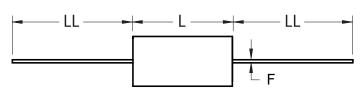


## A50DK4220AA60J

Aliases (50DK4220AA60J)

A50, Film, Metallized Polyester, Automotive Grade, 2.2 uF, 5%, 63 VDC, 40 VAC, 85°C

## **FRONT VIEW**



## **SIDE VIEW**



Click here for the 3D model.

| 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 | 1.4 g   |
| Miscellaneous            | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C. maxK0 =<br>250. |

| Dimensions |                 |
|------------|-----------------|
| D          | 8mm MAX         |
| L          | 20.5mm MAX      |
| LL         | 40mm +/-5mm     |
| F          | 0.8mm +/-0.05mm |
|            |                 |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 1000      |

| Specifications        |                          |
|-----------------------|--------------------------|
| Capacitance           | 2.2 uF                   |
| Tolerance             | 5%                       |
| Voltage DC            | 63 VDC, 47.25 VDC (105C) |
| Voltage AC            | 40 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             | 2 V/us                   |
| Inductance            | 7nH                      |

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