

## LDECD4100KA0N00

Aliases (DECD4100KA0N00)

Obsolete

LDE, Film, Metallized PEN Stacked, Automotive Grade, 1 uF, 10%, 50 VDC, 40 VAC, 125°C, 2220, 4.4 mm



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

### General Information

|                          |                        |
|--------------------------|------------------------|
| Series                   | LDE                    |
| Dielectric               | Metallized PEN Stacked |
| Style                    | SMD Chip               |
| Features                 | Automotive Grade       |
| RoHS                     | Yes                    |
| Qualifications           | AEC-Q200               |
| AEC-Q200                 | Yes                    |
| Typical Component Weight | 0.457 g                |
| Shelf Life               | 104 Weeks              |
| MSL                      | 3                      |

### Dimensions

|           |                   |
|-----------|-------------------|
| Chip Size | 2220              |
| L         | 6mm +/-0.3mm      |
| W         | 5mm +/-0.4mm      |
| T         | 4.4mm MAX         |
| B         | 0.4mm +0.5/-0.3mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 1750 |

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 1 uF       |
| Tolerance             | 10%        |
| Voltage DC            | 50 VDC     |
| Voltage AC            | 40 VAC     |
| Temperature Range     | -55/+125°C |
| Rated Temperature     | 125°C      |
| Dissipation Factor    | 0.8% 1kHz  |
| Insulation Resistance | 400 MOhms  |
| Max dV/dt             | 100 V/us   |

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