

## LDECE4100KA5N00

Aliases (DECE4100KA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 1 uF, 10%, 40 VAC, 50 VDC, 125°C, 2824, 3.1mm



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

| Dimensions |                   |
|------------|-------------------|
| Chip Size  | 2824              |
| L          | 7.3mm +/-0.4mm    |
| W          | 6.1mm +/-0.4mm    |
| T          | 3.1mm MAX         |
| B          | 0.4mm +0.5/-0.3mm |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 2250 |

| General Information |                        |
|---------------------|------------------------|
| Series              | LDE                    |
| Dielectric          | Metallized PEN Stacked |
| Style               | SMD Chip               |
| Features            | Automotive Grade       |
| RoHS                | Yes                    |
| Qualifications      | AEC-Q200               |
| AEC-Q200            | Yes                    |
| Component Weight    | 0.444 g                |
| Shelf Life          | 104 Weeks              |
| MSL                 | 3                      |

| Specifications        |            |
|-----------------------|------------|
| Capacitance           | 1 uF       |
| Capacitance Tolerance | 10%        |
| Voltage AC            | 40 VAC     |
| Voltage DC            | 50 VDC     |
| 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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