

## LDEEC3100KA5N00

Aliases (DEEC3100KA5N00)

Obsolete

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.1 uF, 10%, 100 VDC, 63 VAC, 125°C, 2.4 mm, 1812 / 4532



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               |
| Typical Component Weight | 0.233 g                |
| Shelf Life               | 104 Weeks              |
| MSL                      | 3                      |

### Dimensions

|                      |                   |
|----------------------|-------------------|
| L                    | 4.7mm +0.3/-0.2mm |
| W                    | 3.3mm +/-0.3mm    |
| T                    | 2.4mm MAX         |
| B                    | 0.4mm +0.5/-0.3mm |
| Case Code (EIA / mm) | 1812 / 4532       |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 3000 |

### Specifications

|                       |            |
|-----------------------|------------|
| Capacitance           | 0.1 uF     |
| Tolerance             | 10%        |
| Voltage DC            | 100 VDC    |
| Voltage AC            | 63 VAC     |
| Temperature Range     | -55/+125°C |
| Rated Temperature     | 125°C      |
| Dissipation Factor    | 0.8% 1kHz  |
| Insulation Resistance | 1 GOhms    |
| Max dV/dt             | 100 V/us   |

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