

LDECE4180KA0N00

Aliases (DECE4180KA0N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 1.8 uF, 10%, 40 VAC, 50 VDC, 125°C, 2824, 5.1mm



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

Dimensions

| | |
|-----------|-------------------|
| Chip Size | 2824 |
| L | 7.3mm +/-0.4mm |
| W | 6.1mm +/-0.4mm |
| T | 5.1mm MAX |
| B | 0.4mm +0.5/-0.3mm |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 1500 |

General Information

| | |
|------------------|------------------------|
| Series | LDE |
| Dielectric | Metallized PEN Stacked |
| Style | SMD Chip |
| Features | Automotive Grade |
| RoHS | Yes |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 0.667 g |
| Shelf Life | 104 Weeks |
| MSL | 3 |

Specifications

| | |
|-----------------------|-------------|
| Capacitance | 1.8 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 | 222.2 MOhms |
| Max dV/dt | 100 V/us |