

LDECC3180KA5N00

Aliases (DECC3180KA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.18 uF, 10%, 50 VDC, 40 VAC, 125°C, 1812, 2.2 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 | 0.175 g |
| Shelf Life | 104 Weeks |
| MSL | 3 |

Dimensions

| | |
|-----------|-------------------|
| Chip Size | 1812 |
| L | 4.7mm +0.3/-0.2mm |
| W | 3.3mm +/-0.3mm |
| T | 2.2mm MAX |
| B | 0.4mm +0.5/-0.3mm |

Packaging Specifications

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

Specifications

| | |
|-----------------------|------------|
| Capacitance | 0.18 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 | 1 GOhms |
| Max dV/dt | 100 V/us |

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