

**KEMET Part Number: LDECC3150KA5N00**  
(DECC3150KA5N00)

**KEMET**

a YAGEO company

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.15 uF, 10%, 40 VAC, 50 VDC, 125°C, 1812, 1.9mm



#### General Information

|                          |                        |
|--------------------------|------------------------|
| <b>Series:</b>           | LDE                    |
| <b>Dielectric:</b>       | Metallized PEN Stacked |
| <b>Style:</b>            | SMD Chip               |
| <b>Features:</b>         | Automotive Grade       |
| <b>RoHS:</b>             | Yes                    |
| <b>Qualifications:</b>   | AEC-Q200               |
| <b>AEC-Q200:</b>         | Yes                    |
| <b>Component Weight:</b> | 0.175 g                |
| <b>Shelf Life:</b>       | 104 Weeks              |
| <b>MSL:</b>              | 3                      |

#### Dimensions

|                  |                   |
|------------------|-------------------|
| <b>Chip Size</b> | 1812              |
| <b>L</b>         | 4.7mm +0.3/-0.2mm |
| <b>W</b>         | 3.3mm +/-0.3mm    |
| <b>T</b>         | 1.9mm MAX         |
| <b>B</b>         | 0.4mm +0.5/-0.3mm |

#### Packaging Specifications

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | T&R  |
| <b>Packaging Quantity:</b> | 4000 |

#### Specifications

|                               |            |
|-------------------------------|------------|
| <b>Capacitance:</b>           | 0.15 uF    |
| <b>Capacitance Tolerance:</b> | 10%        |
| <b>Voltage AC:</b>            | 40 VAC     |
| <b>Voltage DC:</b>            | 50 VDC     |
| <b>Temperature Range:</b>     | -55/+125°C |
| <b>Rated Temperature:</b>     | 125°C      |
| <b>Dissipation Factor:</b>    | 0.8% 1kHz  |
| <b>Insulation Resistance:</b> | 1 GOhms    |
| <b>Max dV/dt:</b>             | 100 V/us   |

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