

**KEMET Part Number: LDEIE3220KA0N00**  
(DEIE3220KA0N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.22 uF, 10%, 120 VAC, 250 VDC, 125C, 2824, 5.2mm



#### General Information

|                        |                        |
|------------------------|------------------------|
| <b>Supplier:</b>       | KEMET                  |
| <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>Shelf Life:</b>     | 104 Weeks              |
| <b>MSL:</b>            | 2                      |

#### Dimensions

| Dimensions       |                   |
|------------------|-------------------|
| <b>Chip Size</b> | 2824              |
| <b>L</b>         | 7.3mm +/-0.4mm    |
| <b>W</b>         | 6.1mm +/-0.4mm    |
| <b>T</b>         | 5.2mm MAX         |
| <b>B</b>         | 0.5mm +0.5/-0.3mm |

#### Specifications

|                               |            |
|-------------------------------|------------|
| <b>Capacitance:</b>           | 0.22 uF    |
| <b>Capacitance Tolerance:</b> | 10%        |
| <b>Voltage AC:</b>            | 120 VAC    |
| <b>Voltage DC:</b>            | 250 VDC    |
| <b>Temperature Range:</b>     | -55/+125C  |
| <b>Rated Temperature:</b>     | 125C       |
| <b>Dissipation Factor:</b>    | 0.80% 1kHz |
| <b>Insulation Resistance:</b> | 1 GOhms    |
| <b>Max dV/dt:</b>             | 100 V/us   |

#### Packaging Specifications

|                            |      |
|----------------------------|------|
| <b>Packaging:</b>          | T&R  |
| <b>Packaging Quantity:</b> | 1500 |

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