

**KEMET Part Number: LDEQF2220KA5N00**  
(DEQF2220KA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.022 uF, 10%, 250 VAC, 1000 VDC, 125C, 4030, 3.4mm



#### 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

|                  |                   |
|------------------|-------------------|
| <b>Chip Size</b> | 4030              |
| <b>L</b>         | 10.5mm +/-0.4mm   |
| <b>W</b>         | 7.9mm +/-0.5mm    |
| <b>T</b>         | 3.4mm MAX         |
| <b>B</b>         | 0.5mm +0.5/-0.3mm |

#### Specifications

|                               |            |
|-------------------------------|------------|
| <b>Capacitance:</b>           | 0.022 uF   |
| <b>Capacitance Tolerance:</b> | 10%        |
| <b>Voltage AC:</b>            | 250 VAC    |
| <b>Voltage DC:</b>            | 1000 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>             | 300 V/us   |

#### Packaging Specifications

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