

**KEMET Part Number: LDEQE2100KA5N00**  
(DEQE2100KA5N00)

**KEMET**

a YAGEO company

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.01 uF, 10%, 250 VAC, 1000 VDC, 125°C, 2824, 3.4mm



#### 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>	0.444 g
<b>Shelf Life:</b>	104 Weeks
<b>MSL:</b>	2a

#### Dimensions

Dimensions	
<b>Chip Size</b>	2824
<b>L</b>	7.3mm +/-0.4mm
<b>W</b>	6.1mm +/-0.4mm
<b>T</b>	3.4mm MAX
<b>B</b>	0.4mm +0.5/-0.3mm

#### Specifications

<b>Capacitance:</b>	0.01 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	250 VAC
<b>Voltage DC:</b>	1000 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>	300 V/us

#### Packaging Specifications

<b>Packaging:</b>	T&R
<b>Packaging Quantity:</b>	2250

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