

**KEMET Part Number: LDEDE4100KA5N00**  
(DEDE4100KA5N00)

**KEMET**

a YAGEO company

LDE, Film, Metallized PEN Stacked, Automotive Grade, 1 uF, 10%, 40 VAC, 63 VDC, 125°C, 2824, 3.1mm



#### 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>	3

#### Dimensions

<b>Chip Size</b>	2824
<b>L</b>	7.3mm +/-0.4mm
<b>W</b>	6.1mm +/-0.4mm
<b>T</b>	3.1mm MAX
<b>B</b>	0.4mm +0.5/-0.3mm

#### Packaging Specifications

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

#### Specifications

<b>Capacitance:</b>	1 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	40 VAC
<b>Voltage DC:</b>	63 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>	400 MOhms
<b>Max dV/dt:</b>	100 V/us

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