

LDEDE4100KA5N00

Aliases (DEDE4100KA5N00)

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



Click [here](#) for the 3D model.

Dimensions

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

Packaging Specifications

Packaging	T&R
Packaging Quantity	2250

General Information

Series	LDE
Dielectric	Metallized PEN Stacked
Style	SMD Chip
Features	Automotive Grade
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.444 g
Shelf Life	104 Weeks
MSL	3

Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
Voltage DC	63 VDC
Voltage AC	40 VAC
Temperature Range	-55/+125°C
Rated Temperature	125°C
Dissipation Factor	0.8% 1kHz
Insulation Resistance	400 MOhms
Max dV/dt	100 V/us

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