

## LDEDC3180KA5N00

Aliases (DEDC3180KA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.18 uF, 10%, 63 VDC, 40 VAC, 125°C, 1812, 2.2 mm



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

### 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	0.233 g
Shelf Life	104 Weeks
MSL	3

### Dimensions

Chip Size	1812
L	4.7mm +0.3/-0.2mm
W	3.3mm +/-0.3mm
T	2.2mm MAX
B	0.4mm +0.5/-0.3mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	3000

### Specifications

Capacitance	0.18 uF
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	1 GOhms
Max dV/dt	100 V/us

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