

LDEDC2180KA5N00

Aliases (DEDC2180KA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.018 uF, 10%, 40 VAC, 63 VDC, 125°C, 1812, 1.8mm



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

Dimensions

Chip Size	1812
L	4.7mm +0.3/-0.2mm
W	3.3mm +/-0.3mm
T	1.8mm MAX
B	0.4mm +0.5/-0.3mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

General Information

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

Specifications

Capacitance	0.018 uF
Capacitance Tolerance	10%
Voltage AC	40 VAC
Voltage DC	63 VDC
Temperature Range	-55/+125°C
Rated Temperature	125°C
Dissipation Factor	0.8% 1kHz
Insulation Resistance	1 GOhms
Max dV/dt	100 V/us