

KEMET Part Number: LDEEC3100JA5N00
(DEEC3100JA5N00)

KEMET

a YAGEO company

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.1 uF, 5%, 63 VAC, 100 VDC, 125°C, 1812, 2.4mm



General Information

Series:	LDE
Dielectric:	Metallized PEN Stacked
Style:	SMD Chip
Features:	Automotive Grade
RoHS:	Yes
Qualifications:	AEC-Q200
AEC-Q200:	Yes
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	2.4mm MAX
B	0.4mm +0.5/-0.3mm

Packaging Specifications

Packaging:	T&R
Packaging Quantity:	3000

Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	63 VAC
Voltage DC:	100 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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

KEMET

a YAGEO company