

## LDEMF3180MA5N00

Aliases (DEMF3180MA5N00)

LDE, Film, Metallized PEN Stacked, Automotive Grade, 0.18 uF, 20%, 400 VDC, 160 VAC, 125°C, 4030, 5.1 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
Shelf Life	104 Weeks
MSL	2a

### Dimensions

Chip Size	4030
L	10.5mm +/-0.4mm
W	7.9mm +/-0.5mm
T	5.1mm MAX
B	0.4mm +0.5/-0.3mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	1000

### Specifications

Capacitance	0.18 uF
Tolerance	20%
Voltage DC	400 VDC
Voltage AC	160 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

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.