



## **PLF1C331MDO1** Information

Part Number PLF1C331MDO1

Manufacturer Nichicon
Category Capacitors

**Aluminum - Polymer Capacitors** 

**Description** CAP ALUM POLY 330UF 20% 16V T/H

Package Radial, Car

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

For Reference Only

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## **PLF1C331MDO1 Specifications**

Manufacturer Part Number         PLFIC33IMDOI           Manufacturer         Nichicon           Category         Capacitors           Package         Radial, Can           Series         PLF           Type         POlymer           Capacitance         330μF           Tolerance         ±20%           Voltage - Rated         16V           ESR (Equivalent Series Resistance)         9 mOhm           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -55°C ~ 105°C           Applications         -           Ripple Current - Low Frequency         6.1A @ 100kHz           Impedance         -           Lead Spacing         0.197" (5.00mm)           Size / Dimension         0.394" Dia (10.00mm)           Height - Seated (Max)         0.512" (13.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can		
Category         Capacitors           Package         Radial, Can           Series         PLF           Type         Polymer           Capacitance         330µF           Tolerance         ±20%           Voltage - Rated         16V           ESR (Equivalent Series Resistance)         9 mOhm           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -55°C ~ 105°C           Applications         -           Ripple Current - Low Frequency         6.1A @ 100kHz           Impedance         -           Lead Spacing         0.197" (5.00mm)           Size / Dimension         0.394" Dia (10.00mm)           Height - Seated (Max)         0.512" (13.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Manufacturer Part Number	PLF1C331MDO1
PackageAluminum - Polymer CapacitorsPackageRadial, CanSeriesPLFTypePolymerCapacitance330μFTolerance±20%Voltage - Rated16 VESR (Equivalent Series Resistance)9 mOhmLifetime @ Temp.2000 Hrs @ 105°COperating Temperature-55°C ~ 105°CApplications-Ripple Current - Low Frequency-Ripple Current - High Frequency6.1A @ 100kHzImpedance-Lead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.512" (13.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Manufacturer	Nichicon
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Type         Polymer           Capacitance         330μF           Tolerance         ±20%           Voltage - Rated         16V           ESR (Equivalent Series Resistance)         9 mOhm           Lifetime @ Temp.         2000 Hrs @ 105°C           Operating Temperature         -55°C ~ 105°C           Applications         -           Ripple Current - Low Frequency         6.1A @ 100kHz           Impedance         -           Lead Spacing         0.197" (5.00mm)           Size / Dimension         0.394" Dia (10.00mm)           Height - Seated (Max)         0.512" (13.00mm)           Surface Mount Land Size         -           Mounting Type         Through Hole           Package / Case         Radial, Can	Package	Radial, Can
Capacitance       330μF         Tolerance       ±20%         Voltage - Rated       16V         ESR (Equivalent Series Resistance)       9 mOhm         Lifetime @ Temp.       2000 Hrs @ 105°C         Operating Temperature       -55°C ~ 105°C         Applications       -         Ripple Current - Low Frequency       6.1A @ 100kHz         Impedance       -         Lead Spacing       0.197" (5.00mm)         Size / Dimension       0.394" Dia (10.00mm)         Height - Seated (Max)       0.512" (13.00mm)         Surface Mount Land Size       -         Mounting Type       Through Hole         Package / Case       Radial, Can	Series	PLF
Tolerance ±20%  Voltage - Rated 16V  ESR (Equivalent Series Resistance) 9 mOhm  Lifetime @ Temp. 2000 Hrs @ 105°C  Operating Temperature -55°C ~ 105°C  Applications -  Ripple Current - Low Frequency -  Ripple Current - High Frequency 6.1A @ 100kHz  Impedance -  Lead Spacing 0.197" (5.00mm)  Size / Dimension 0.394" Dia (10.00mm)  Height - Seated (Max) 0.512" (13.00mm)  Surface Mount Land Size -  Mounting Type Through Hole  Package / Case Radial, Can	Туре	Polymer
Voltage - Rated  ESR (Equivalent Series Resistance)  Lifetime @ Temp.  2000 Hrs @ 105°C  Operating Temperature  -55°C ~ 105°C  Applications  - Ripple Current - Low Frequency  Ripple Current - High Frequency  6.1A @ 100kHz  Impedance  - Lead Spacing  0.197" (5.00mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Page Manual Size  Radial, Can	Capacitance	330µF
ESR (Equivalent Series Resistance)  Lifetime @ Temp.  2000 Hrs @ 105°C  Operating Temperature  -55°C ~ 105°C  Applications  - Ripple Current - Low Frequency  Ripple Current - High Frequency  6.1A @ 100kHz  Impedance  - Lead Spacing  0.197" (5.00mm)  Size / Dimension  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Page 105°C  -  1000 Hrs @ 105°C  -  1010 -  1	Tolerance	±20%
Lifetime @ Temp.  2000 Hrs @ 105°C  Operating Temperature  -55°C ~ 105°C  Applications  - Ripple Current - Low Frequency  Ripple Current - High Frequency  6.1A @ 100kHz  Impedance  - Lead Spacing  0.197" (5.00mm)  Size / Dimension  0.394" Dia (10.00mm)  Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Voltage - Rated	16V
Operating Temperature  Applications  -Si°C ~ 105°C  Applications  - Ripple Current - Low Frequency  Ripple Current - High Frequency  6.1A @ 100kHz  Impedance  - Lead Spacing  0.197" (5.00mm)  Size / Dimension  0.394" Dia (10.00mm)  Height - Seated (Max)  0.512" (13.00mm)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	ESR (Equivalent Series Resistance)	9 mOhm
Applications - Gripple Current - Low Frequency - G.1A @ 100kHz  Ripple Current - High Frequency 6.1A @ 100kHz  Impedance - G.197" (5.00mm)  Size / Dimension 0.394" Dia (10.00mm)  Height - Seated (Max) 0.512" (13.00mm)  Surface Mount Land Size - Through Hole  Package / Case Radial, Can	Lifetime @ Temp.	2000 Hrs @ 105°C
Ripple Current - Low Frequency  Ripple Current - High Frequency  6.1A @ 100kHz  Impedance  - Lead Spacing  0.197" (5.00mm)  Size / Dimension  0.394" Dia (10.00mm)  Height - Seated (Max)  0.512" (13.00mm)  Surface Mount Land Size  - Mounting Type  Through Hole  Package / Case  Radial, Can	Operating Temperature	-55°C ~ 105°C
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Impedance - Lead Spacing 0.197" (5.00mm) Size / Dimension 0.394" Dia (10.00mm) Height - Seated (Max) 0.512" (13.00mm) Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Ripple Current - Low Frequency	-
Lead Spacing0.197" (5.00mm)Size / Dimension0.394" Dia (10.00mm)Height - Seated (Max)0.512" (13.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - High Frequency	6.1A @ 100kHz
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Height - Seated (Max)  Surface Mount Land Size  Mounting Type  Through Hole  Package / Case  Radial, Can	Lead Spacing	0.197" (5.00mm)
Surface Mount Land Size - Mounting Type Through Hole Package / Case Radial, Can	Size / Dimension	0.394" Dia (10.00mm)
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Package / Case Radial, Can	Surface Mount Land Size	-
-	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
		Report errors?

### PLF1C331MDO1 Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# PLF1C331MDO1 Payment Methods



















### **PLF1C331MDO1 Shipping Methods**













If you have any question about PLF1C331MDO1, please do not hesitate to contact us!

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