

PLE0G821MDO1



**Part Number:** [PLE0G821MDO1](#)

**Manufacturer:** [Nichicon](#)

**Description:** CAP ALUM POLY 820UF 20% 4V T/H

**Data sheet:**  [PLE Series](#)  
 [Miniature Type Taping Spec](#)

**RoHs Status:** Lead free / RoHS Compliant

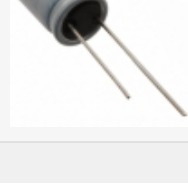
**Ship From:** Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                                 |                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | PLE0G821MDO1                   | Manufacturer                    | <a href="#">Nichicon</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | CAP ALUM POLY 820UF 20% 4V T/H | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 63758 pcs                      | Data sheet                      | <a href="#">PLE Series</a><br><a href="#">Miniature Type Taping Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Capacitors</a>     | Voltage - Rated                 | 4V                                                                       |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Polymer                        | Tolerance                       | ±20%                                                                     |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                    | -                              | Size / Dimension                | 0.394" Dia (10.00mm)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | PLE                            | Ripple Current @ High Frequency | 7A @ 100kHz                                                              |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                              | Packaging                       | Bulk                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | Radial, Can                    | Other Names                     | 493-3064                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                      | -55°C ~ 105°C                  | Mounting Type                   | Through Hole                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                  | Manufacturer Standard Lead Time | 17 Weeks                                                                 |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                           | 2000 Hrs @ 105°C               | Lead Spacing                    | 0.197" (5.00mm)                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant     | Height - Seated (Max)           | 0.512" (13.00mm)                                                         |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                         | 5 mOhm                         | Detailed Description            | 820µF 4V Aluminum Polymer Capacitor Radial, Can 5 mOhm 2000 Hrs @ 105°C  |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                | 820µF                          | Applications                    | General Purpose                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PLE0E821MDO1TD</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLED1-KIT</a><br>Description: PLED OPEN LED PROTECTOR KIT           | Manufacturers: <a href="#">Hamlin / Littelfuse</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G561MCO1TD</a><br>Description: CAP ALUM POLY 560UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0E821MCO6TD</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0J681MDO1TD</a><br>Description: CAP ALUM POLY 680UF 20% 6.3V T/H | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0J471MDO1TD</a><br>Description: CAP ALUM POLY 470UF 20% 6.3V T/H | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G122MDO1TD</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H  | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0J821MDO1</a><br>Description: CAP ALUM POLY 820UF 20% 6.3V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G681MDO1</a><br>Description: CAP ALUM POLY 680UF 20% 4V T/H     | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0J681MDO1</a><br>Description: CAP ALUM POLY 680UF 20% 6.3V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0E821MCO6</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0J471MDO1</a><br>Description: CAP ALUM POLY 470UF 20% 6.3V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0E821MDO1</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0J821MDO1TD</a><br>Description: CAP ALUM POLY 820UF 20% 6.3V T/H | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE11-0</a><br>Description: RELAY SOCKET 11 POS THROUGH HOLE        | Manufacturers: <a href="#">Omron Automation &amp; Safety</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G122MDO1</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H    | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G681MDO1TD</a><br>Description: CAP ALUM POLY 680UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLED120W-024</a><br>Description: LED DRIVER CV AC/DC 24V 5A         | Manufacturers: <a href="#">Thomas Research Products</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G561MCO1</a><br>Description: CAP ALUM POLY 560UF 20% 4V T/H     | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLE0G821MDO1TD</a><br>Description: CAP ALUM POLY 820UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a>                      | <a href="#">RFQ</a> |

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