

PLS0E821MCO6TD



**Part Number:** [PLS0E821MCO6TD](#)

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

**Description:** CAP ALUM POLY 820UF 20% 2.5V T/H

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

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

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                                 |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | PLS0E821MCO6TD                   | Manufacturer                    | <a href="#">Nichicon</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM POLY 820UF 20% 2.5V T/H | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 153072 pcs                       | Data sheet                      | <a href="#">Miniature Type Taping Spec</a><br><a href="#">PLS Series</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>       | Voltage - Rated                 | 2.5V                                                                      |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Polymer                          | Tolerance                       | ±20%                                                                      |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                | Size / Dimension                | 0.315" Dia (8.00mm)                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                        | PLS                              | Ripple Current @ High Frequency | 5.2A @ 100kHz                                                             |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                | Packaging                       | Tape & Box (TB)                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | Radial, Can                      | Other Names                     | 493-14150-2<br>493-14150-2-ND<br>493-14150-3<br>PLS0E821MCO6TD-ND         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                         | -55°C ~ 105°C                    | Mounting Type                   | Through Hole                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                    | Manufacturer Standard Lead Time | 17 Weeks                                                                  |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                              | 5000 Hrs @ 105°C                 | Lead Spacing                    | 0.138" (3.50mm)                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant       | Height - Seated (Max)           | 0.354" (9.00mm)                                                           |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                            | 7 mOhm                           | Detailed Description            | 820μF 2.5V Aluminum Polymer Capacitor Radial, Can 7 mOhm 5000 Hrs @ 105°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                   | 820μF                            | Applications                    | General Purpose                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                     |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------|
|  | Part#: <a href="#">PLS0E681MCL2</a><br>Description: CAP ALUM POLY 680UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E681MCL2TD</a><br>Description: CAP ALUM POLY 680UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E152MDO1</a><br>Description: CAP ALUM POLY 1500UF 2.5V T/H      | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E821MCO8</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E331MCO8</a><br>Description: CAP ALUM POLY 330UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS-P830987</a><br>Description: SPEAKER 8OHM 25W TOP PORT 82.6DB    | Manufacturers: <a href="#">Peerless by Tymphony</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0G271MCO8TD</a><br>Description: CAP ALUM POLY 270UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0G561MCL2</a><br>Description: CAP ALUM POLY 560UF 20% 4V T/H     | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS-P830985</a><br>Description: SPEAKER 4OHM 30W TOP PORT 82.3DB    | Manufacturers: <a href="#">Peerless by Tymphony</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E821MDO1</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E152MDO1TD</a><br>Description: CAP ALUM POLY 1500UF 2.5V T/H    | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E821MDO1TD</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E331MCO8TD</a><br>Description: CAP ALUM POLY 330UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0G561MCL2TD</a><br>Description: CAP ALUM POLY 560UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS-P830986</a><br>Description: SPEAKER 8OHM 25W TOP PORT 83.2DB    | Manufacturers: <a href="#">Peerless by Tymphony</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0G122MDO1TD</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H  | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0G122MDO1</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H    | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0G271MCO8</a><br>Description: CAP ALUM POLY 270UF 20% 4V T/H     | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E821MCO6</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PLS0E821MCO8TD</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a>             | <a href="#">RFQ</a> |

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