

PCX1E121MCL1GS



**Part Number:** [PCX1E121MCL1GS](#)

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

**Description:** CAP ALUM POLY 120UF 20% 25V SMD

**Data sheet:** [PDF Chip Type Tape Spec](#)  
[PDF Polymer Aluminum Land, Reflow](#)  
[PDF PCX 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                                                                                                                                                                                                                                                                                                                                                                                                                                  | PCX1E121MCL1GS                          | Manufacturer                    | <a href="#">Nichicon</a>                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP ALUM POLY 120UF 20% 25V SMD         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 53317 pcs                               | Data sheet                      | <a href="#">Chip Type Tape Spec</a><br><a href="#">Polymer Aluminum Land, Reflow</a><br><a href="#">PCX Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>              | Voltage - Rated                 | 25V                                                                                                                |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | Polymer                                 | Tolerance                       | ±20%                                                                                                               |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.406" L x 0.406" W (10.30mm x 10.30mm) | Size / Dimension                | 0.394" Dia (10.00mm)                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | PCX                                     | Ripple Current @ High Frequency | 2.2A @ 100kHz                                                                                                      |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                       | Packaging                       | Cut Tape (CT)                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                               | Radial, Can - SMD                       | Other Names                     | 493-4714-1                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 125°C                           | Mounting Type                   | Surface Mount                                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                           | Manufacturer Standard Lead Time | 17 Weeks                                                                                                           |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                             | 3000 Hrs @ 125°C                        | Lead Spacing                    | -                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant              | Height - Seated (Max)           | 0.394" (10.00mm)                                                                                                   |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                           | 29 mOhm                                 | Detailed Description            | 120µF 25V Aluminum Polymer Capacitor Radial, Can - SMD 29 mOhm 3000 Hrs @ 125°C                                    |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 120µF                                   | Applications                    | General Purpose                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                         |                     |
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|  | Part#: <a href="#">PCX1E181MCL1GS</a><br>Description: CAP ALUM POLY 180UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E560MCS1GS</a><br>Description: CAP ALUM POLY 56UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E560MCL1GS</a><br>Description: CAP ALUM POLY 56UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D271MCL1GS</a><br>Description: CAP ALUM POLY 270UF 20% 20V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D181MCS1GS</a><br>Description: CAP ALUM POLY 180UF 20% 20V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E820MCL1GS</a><br>Description: CAP ALUM POLY 82UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D330MCL1GS</a><br>Description: CAP ALUM POLY 33UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D560MCL1GS</a><br>Description: CAP ALUM POLY 56UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D181MCL1GS</a><br>Description: CAP ALUM POLY 180UF 20% 20V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E390MCL1GS</a><br>Description: CAP ALUM POLY 39UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E121MCL6GS</a><br>Description: CAP ALUM POLY 120UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D680MCS1GS</a><br>Description: CAP ALUM POLY 68UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E121MCS1GS</a><br>Description: CAP ALUM POLY 120UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E390MCS1GS</a><br>Description: CAP ALUM POLY 39UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E820MCL6GS</a><br>Description: CAP ALUM POLY 82UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D680MCL1GS</a><br>Description: CAP ALUM POLY 68UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D560MCS1GS</a><br>Description: CAP ALUM POLY 56UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D121MCS1GS</a><br>Description: CAP ALUM POLY 120UF 20% 20V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1D151MCL1GS</a><br>Description: CAP ALUM POLY 150UF 20% 20V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCX1E220MCL1GS</a><br>Description: CAP ALUM POLY 22UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |

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