

PCJ0E102MCL1GS



**Part Number:** [PCJ0E102MCL1GS](#)

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

**Description:** CAP ALUM POLY 1000UF 2.5V SMD

**Data sheet:**  [Chip Type Tape Spec](#)  
 [Polymer Aluminum Land, Reflow](#)  
 [PCJ 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                                                                                                                                                                                                                                                                                                                                                                                                                                   | PCJ0E102MCL1GS                        | Manufacturer                    | <a href="#">Nichicon</a>                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM POLY 1000UF 2.5V SMD         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 105439 pcs                            | Data sheet                      | <a href="#">Chip Type Tape Spec</a><br><a href="#">Polymer Aluminum Land, Reflow</a><br><a href="#">PCJ Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>            | Voltage - Rated                 | 2.5V                                                                                                               |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Polymer                               | Tolerance                       | ±20%                                                                                                               |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.327" L x 0.327" W (8.30mm x 8.30mm) | Size / Dimension                | 0.315" Dia (8.00mm)                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                        | PCJ                                   | Ripple Current @ High Frequency | 4.26A @ 100kHz                                                                                                     |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                     | Packaging                       | Tape & Reel (TR)                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | Radial, Can - SMD                     | Other Names                     | 493-14032-2<br>PCJ0E102MCL1GS-ND                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                         | -55°C ~ 105°C                         | Mounting Type                   | Surface Mount                                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                         | Manufacturer Standard Lead Time | 17 Weeks                                                                                                           |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                              | 2000 Hrs @ 105°C                      | Lead Spacing                    | -                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant            | Height - Seated (Max)           | 0.315" (8.00mm)                                                                                                    |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                            | 12 mOhm                               | Detailed Description            | 1000µF 2.5V Aluminum Polymer Capacitor Radial, Can - SMD 12 mOhm 2000 Hrs @ 105°C                                  |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1000µF                                | Applications                    | General Purpose                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                                 |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PCJ0E272MCL1GS</a><br>Description: CAP ALUM POLY 2700UF 2.5V SMD      | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-124D3MH,303</a><br>Description: RELAY GEN PURPOSE SPST 5A 24V     | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E222MCL1GS</a><br>Description: CAP ALUM POLY 2200UF 2.5V SMD      | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-112D3MH,301</a><br>Description: RELAY GEN PURPOSE SPST 3A 12V     | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E561MCL1GS</a><br>Description: CAP ALUM POLY 560UF 20% 2.5V SMD   | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E471MCL1GS</a><br>Description: CAP ALUM POLY 470UF 20% 2.5V SMD   | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-112D3MH,301Y</a><br>Description: RELAY GEN PURPOSE SPST 5A 12V    | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-112D3M,301Y</a><br>Description: RELAY GEN PURP                    | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-112D3M-WG,000M</a><br>Description: RELAY GEN PURPOSE SPST 5A 12V  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E391MCL1GS</a><br>Description: CAP ALUM POLY 390UF 20% 2.5V SMD   | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E181MCL1GS</a><br>Description: CAP ALUM POLY 180UF 20% 2.5V SMD   | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-112D3M,301</a><br>Description: RELAY GEN PURPOSE SPST 3A 12V      | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-124D3M-WG,000M</a><br>Description: RELAY GEN PURP                 | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E152MCL1GS</a><br>Description: CAP ALUM POLY 1500UF 2.5V SMD      | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-124D3MH,301</a><br>Description: RELAY GEN PURPOSE SPST 3A 24V     | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E122MCL1GS</a><br>Description: CAP ALUM POLY 1200UF 2.5V SMD      | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E561MCL4GS</a><br>Description: CAP ALUM POLY 560UF 20% 2.5V SMD   | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-112D3MH-WG,000M</a><br>Description: RELAY GEN PURPOSE SPST 5A 12V | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ-124D3M,301</a><br>Description: RELAY GEN PURPOSE SPST 3A 24V      | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCJ0E152MCL6GS</a><br>Description: CAP ALUM POLY 1500UF 2.5V SMD      | Manufacturers: <a href="#">Nichicon</a>                         | <a href="#">RFQ</a> |

Related keywords for **PCJ0E102MCL1GS**

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