

PCV1E221MCL2GS



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**nichicon**

**Part Number:** [PCV1E221MCL2GS](#)

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

**Description:** CAP ALUM POLY 220UF 20% 25V SMD

**Data sheet:**  [PCV Series Datasheet](#)  
 [Chip Type Tape Spec](#)  
 [Polymer Aluminum Land, Reflow](#)

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

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |                                 |                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | PCV1E221MCL2GS                        | Manufacturer                    | <a href="#">Nichicon</a>                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP ALUM POLY 220UF 20% 25V SMD       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 42810 pcs                             | Data sheet                      | <a href="#">PCV Series Datasheet</a><br><a href="#">Chip Type Tape Spec</a><br><a href="#">Polymer Aluminum Land, Reflow</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>            | Voltage - Rated                 | 25V                                                                                                                          |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                       | PCV                                   | Ripple Current @ High Frequency | 3.8A @ 100kHz                                                                                                                |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                     | Packaging                       | Cut Tape (CT)                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                               | Radial, Can - SMD                     | Other Names                     | 493-4542-1                                                                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 105°C                         | Mounting Type                   | Surface Mount                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                         | Manufacturer Standard Lead Time | 17 Weeks                                                                                                                     |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                             | 3000 Hrs @ 105°C                      | Lead Spacing                    | -                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant            | Height - Seated (Max)           | 0.472" (12.00mm)                                                                                                             |
| ESR (Equivalent Series Resistance) 22 mOhm                                                                                                                                                                                                                                                                                                                                                                                                   |                                       | Detailed Description            | 220µF 25V Aluminum Polymer Capacitor Radial, Can - SMD 22 mOhm 3000 Hrs @ 105°C                                              |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                  | 220µF                                 | Applications                    | General Purpose                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                         |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">PCV1E121MCL6GS</a><br>Description: CAP ALUM POLY 120UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1H120MCL2GS</a><br>Description: CAP ALUM POLY 12UF 20% 50V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E151MCL1GS</a><br>Description: CAP ALUM POLY 150UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E470MCL2GS</a><br>Description: CAP ALUM POLY 47UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E820MCL2GS</a><br>Description: CAP ALUM POLY 82UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E181MCL1GS</a><br>Description: CAP ALUM POLY 180UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1H101MCL2GS</a><br>Description: CAP ALUM POLY 100UF 20% 50V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1H150MCL1GS</a><br>Description: CAP ALUM POLY 15UF 20% 50V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1D680MCL1GS</a><br>Description: CAP ALUM POLY 68UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E391MCL2GS</a><br>Description: CAP ALUM POLY 390UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E151MCL2GS</a><br>Description: CAP ALUM POLY 150UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1D470MCL1GS</a><br>Description: CAP ALUM POLY 47UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E151MCL7GS</a><br>Description: CAP ALUM POLY 150UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E271MCL1GS</a><br>Description: CAP ALUM POLY 270UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1D471MCL2GS</a><br>Description: CAP ALUM POLY 470UF 20% 20V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E560MCL1GS</a><br>Description: CAP ALUM POLY 56UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E271MCL2GS</a><br>Description: CAP ALUM POLY 270UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E121MCL1GS</a><br>Description: CAP ALUM POLY 120UF 20% 25V SMD | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1D560MCL2GS</a><br>Description: CAP ALUM POLY 56UF 20% 20V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCV1E330MCL1GS</a><br>Description: CAP ALUM POLY 33UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |

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