

RL81C221MDN1KX



**Part Number:** [RL81C221MDN1KX](#)

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

**Description:** CAP ALUM POLY 220UF 20% 16V T/H

**Data sheet:**  [Miniature Type Taping Spec](#)  
 [RL8 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                                                                                                                                                                                                                                                                                                                                                                                                                                               | RL81C221MDN1KX                                                            | Manufacturer                       | <a href="#">Nichicon</a>                                                 |       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | CAP ALUM POLY 220UF 20% 16V T/H                                           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                               |       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 276988 pcs                                                                | Data sheet                         | <a href="#">Miniature Type Taping Spec</a><br><a href="#">RL8 Series</a> |       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Capacitors</a>                                                | Voltage - Rated                    | 16V                                                                      |       |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Polymer                                                                   | Tolerance                          | ±20%                                                                     |       |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                         | Size / Dimension                   | 0.315" Dia (8.00mm)                                                      |       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FPCAP, RL8                                                                | Ripple Current @ Low Frequency     | 500mA @ 120Hz                                                            |       |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                                           | 5A @ 100kHz                                                               | Ratings                            | -                                                                        |       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Box (TB)                                                           | Package / Case                     | Radial, Can                                                              |       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                               | 493-4026-3                                                                | Operating Temperature              | -55°C ~ 105°C                                                            |       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | Through Hole                                                              | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                            |       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                           | 18 Weeks                                                                  | Lifetime @ Temp.                   | 2000 Hrs @ 105°C                                                         |       |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.138" (3.50mm)                                                           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                               |       |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.315" (8.00mm)                                                           | ESR (Equivalent Series Resistance) | 12 mOhm                                                                  |       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 220µF 16V Aluminum Polymer Capacitor Radial, Can 12 mOhm 2000 Hrs @ 105°C |                                    | Capacitance                                                              | 220µF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                              | General Purpose                                                           |                                    |                                                                          |       |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                         |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">RL81C101MDN1PX</a><br>Description: CAP ALUM POLY 100UF 20% 16V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL80J821MDNASQKX</a><br>Description: CAP ALUM POLY 820UF 20% 6.3V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C221MDN1</a><br>Description: CAP ALUM POLY 220UF 20% 16V T/H      | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C181MDN1KX</a><br>Description: CAP ALUM POLY 180UF 20% 16V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C331MDN1KX</a><br>Description: CAP ALUM POLY 330UF 20% 16V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL80J821MDNASQPX</a><br>Description: CAP ALUM POLY 820UF 20% 6.3V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C101MDN1</a><br>Description: CAP ALUM POLY 100UF 20% 16V T/H      | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C271MDN1</a><br>Description: CAP ALUM POLY 270UF 20% 16V T/H      | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C271MDN1PX</a><br>Description: CAP ALUM POLY 270UF 20% 16V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL80J821MDNASQ</a><br>Description: CAP ALUM POLY 820UF 20% 6.3V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C271MDNASQ</a><br>Description: CAP ALUM POLY 270UF 20% 16V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">RL81C181MDN1</a><br>Description: CAP ALUM POLY 180UF 20% 16V T/H      | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C181MDN1PX</a><br>Description: CAP ALUM POLY 180UF 20% 16V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL81C271MDNASQPX</a><br>Description: CAP ALUM POLY 270UF 20% 16V T/H  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |

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