

RL80E821MDNASQKX



**Part Number:** [RL80E821MDNASQKX](#)

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

**Description:** CAP ALUM POLY 820UF 20% 2.5V 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | RL80E821MDNASQKX                                                          | 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                                                                                                                                                                                                                                                                                                                                                                                                                              | 336733 pcs                                                                | Data sheet                         | <a href="#">Miniature Type Taping Spec</a><br><a href="#">RL8 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                                                                                                                                                                                                                                                                                                                                                                                                                                          | FPCAP, RL8                                                                | Ripple Current @ Low Frequency     | 610mA @ 120Hz                                                            |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                                 | 6.1A @ 100kHz                                                             | Ratings                            | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Box (TB)                                                           | Package / Case                     | Radial, Can                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                     | 493-4011-3                                                                | Operating Temperature              | -55°C ~ 105°C                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                   | Through Hole                                                              | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                 | 18 Weeks                                                                  | Lifetime @ Temp.                   | 5000 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) | 6 mOhm                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                            | 820µF 2.5V Aluminum Polymer Capacitor Radial, Can 6 mOhm 5000 Hrs @ 105°C |                                    |                                                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                    | General Purpose                                                           |                                    |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                         |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">RL80E561MDN1KX</a><br>Description: CAP ALUM POLY 560UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RL80E561MDNASQPX</a><br>Description: CAP ALUM POLY 560UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">RL80E821MDNASQ</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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|  | Part#: <a href="#">RL80G561MDN1</a><br>Description: CAP ALUM POLY 560UF 20% 4V T/H       | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
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|----------------------------------------------|------------------------------|---------------------------|------------------------|
| Related keywords for <b>RL80E821MDNASQKX</b> |                              |                           |                        |
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