

RS80E561MDN1JT



**Part Number:** [RS80E561MDN1JT](#)

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

**Description:** CAP ALUM POLY 560UF 20% 2.5V T/H

**Data sheet:**  [Miniature Type Taping Spec](#)  
 [RS8 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                                                                                                                                                                                                                                                                                                                                                                                                                                               | RS80E561MDN1JT                                                            | Manufacturer                       | <a href="#">Nichicon</a>                                                 |       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | CAP ALUM POLY 560UF 20% 2.5V T/H                                          | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                               |       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 245122 pcs                                                                | Data sheet                         | <a href="#">Miniature Type Taping Spec</a><br><a href="#">RS8 Series</a> |       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Capacitors</a>                                                | Voltage - Rated                    | 2.5V                                                                     |       |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Polymer                                                                   | Tolerance                          | ±20%                                                                     |       |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                         | Size / Dimension                   | 0.248" Dia (6.30mm)                                                      |       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FPCAP, RS8                                                                | Ripple Current @ Low Frequency     | 560mA @ 120Hz                                                            |       |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                                           | 5.6A @ 100kHz                                                             | Ratings                            | -                                                                        |       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cut Tape (CT)                                                             | Package / Case                     | Radial, Can                                                              |       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                               | 493-4032-1                                                                | 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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.098" (2.50mm)                                                           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                               |       |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.315" (8.00mm)                                                           | ESR (Equivalent Series Resistance) | 7 mOhm                                                                   |       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 560μF 2.5V Aluminum Polymer Capacitor Radial, Can 7 mOhm 2000 Hrs @ 105°C |                                    | Capacitance                                                              | 560μF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                              | General Purpose                                                           |                                    |                                                                          |       |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                         |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">RS80E561MDN1PX</a><br>Description: CAP ALUM POLY 560UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E821MDNASQJT</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E471MDNASQJT</a><br>Description: CAP ALUM POLY 470UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E471MDNASQPX</a><br>Description: CAP ALUM POLY 470UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E331MDNASQ</a><br>Description: CAP ALUM POLY 330UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E331MDNASQPX</a><br>Description: CAP ALUM POLY 330UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E821MDNASQ</a><br>Description: CAP ALUM POLY 820UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E471MDN1JT</a><br>Description: CAP ALUM POLY 470UF 20% 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E561MDN1</a><br>Description: CAP ALUM POLY 560UF 20% 2.5V T/H     | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RS80E561MDNASQ</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="#">RS80E331MDNASQJT</a><br>Description: CAP ALUM POLY 330UF 20% 2.5V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
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