

RNU0E272MDN1PH



**Part Number:** [RNU0E272MDN1PH](#)

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

**Description:** CAP ALUM POLY 2700UF 2.5V T/H

**Data sheet:**  [RNU Series Datasheet](#)  
 [Miniature Type Taping Spec](#)

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

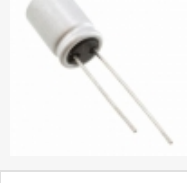
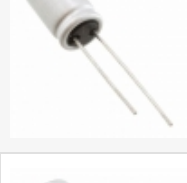
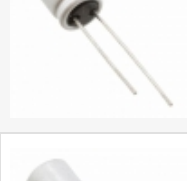
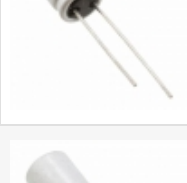
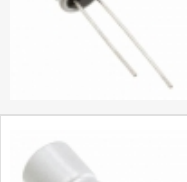
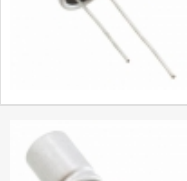
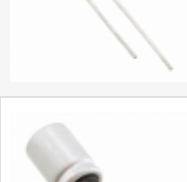
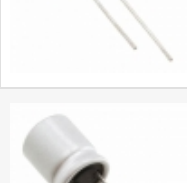
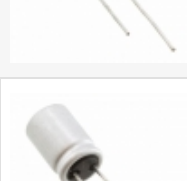
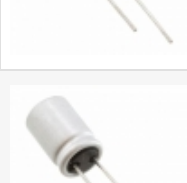
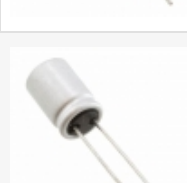
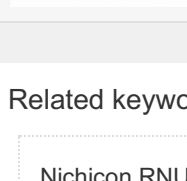
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                   | RNU0E272MDN1PH                                                             | Manufacturer                       | <a href="#">Nichicon</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM POLY 2700UF 2.5V T/H                                              | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 218603 pcs                                                                 | Data sheet                         | <a href="#">RNU Series Datasheet</a><br><a href="#">Miniature Type Taping Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>                                                 | Voltage - Rated                    | 2.5V                                                                               |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Polymer                                                                    | Tolerance                          | ±20%                                                                               |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                          | Size / Dimension                   | 0.394" Dia (10.00mm)                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                        | FPCAP, RNU                                                                 | Ripple Current @ Low Frequency     | 610mA @ 120Hz                                                                      |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                               | 6.1A @ 100kHz                                                              | Ratings                            | -                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Box (TB)                                                            | Package / Case                     | Radial, Can                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                   | 493-14245-3<br>RNU0E272MDN1PH-ND                                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.197" (5.00mm)                                                            | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                         |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.551" (14.00mm)                                                           | ESR (Equivalent Series Resistance) | 7 mOhm                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                          | 2700µF 2.5V Aluminum Polymer Capacitor Radial, Can 7 mOhm 2000 Hrs @ 105°C | Capacitance                        | 2700µF                                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                  | General Purpose                                                            |                                    |                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                         |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">RNU0G222MDN1PH</a><br>Description: CAP ALUM POLY 2200UF 20% 4V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0E272MDN1</a><br>Description: CAP ALUM POLY 2700UF 2.5V T/H     | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G821MDN1KX</a><br>Description: CAP ALUM POLY 820UF 20% 4V T/H  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0E152MDN1PX</a><br>Description: CAP ALUM POLY 1500UF 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0J102MDN1</a><br>Description: CAP ALUM POLY 1000UF 6.3V T/H     | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G102MDN1PX</a><br>Description: CAP ALUM POLY 1000UF 20% 4V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G222MDN1</a><br>Description: CAP ALUM POLY 2200UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G102MDN1</a><br>Description: CAP ALUM POLY 1000UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0J102MDN1KX</a><br>Description: CAP ALUM POLY 1000UF 6.3V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G122MDN1</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G182MDN1</a><br>Description: CAP ALUM POLY 1800UF 20% 4V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G821MDN1PX</a><br>Description: CAP ALUM POLY 820UF 20% 4V T/H  | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0E152MDN1KX</a><br>Description: CAP ALUM POLY 1500UF 2.5V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G182MDN1PH</a><br>Description: CAP ALUM POLY 1800UF 20% 4V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0E152MDN1</a><br>Description: CAP ALUM POLY 1500UF 2.5V T/H     | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G122MDN1KX</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G122MDN1PX</a><br>Description: CAP ALUM POLY 1200UF 20% 4V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G821MDN1</a><br>Description: CAP ALUM POLY 820UF 20% 4V T/H    | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0G102MDN1KX</a><br>Description: CAP ALUM POLY 1000UF 20% 4V T/H | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNU0J102MDN1PX</a><br>Description: CAP ALUM POLY 1000UF 6.3V T/H   | Manufacturers: <a href="#">Nichicon</a> | <a href="#">RFQ</a> |

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