

RNS1E330MDN1



**Part Number:** [RNS1E330MDN1](#)

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

**Description:** CAP ALUM POLY 33UF 20% 25V T/H

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

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

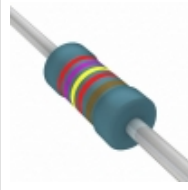
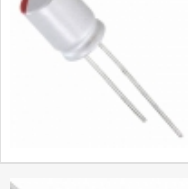
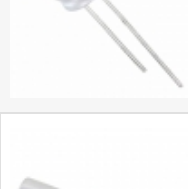
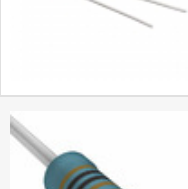
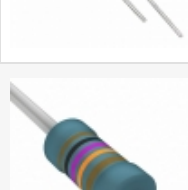
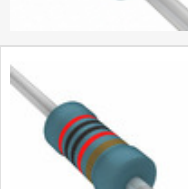
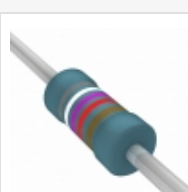
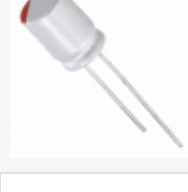
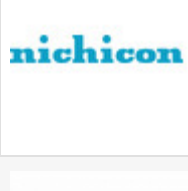
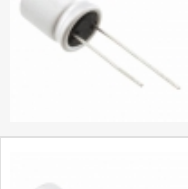
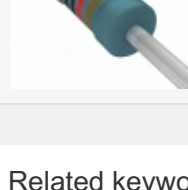
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                   | RNS1E330MDN1                   | Manufacturer                    | <a href="#">Nichicon</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | CAP ALUM POLY 33UF 20% 25V T/H | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 81624 pcs                      | Data sheet                      | <a href="#">Miniature Type Taping Spec</a><br><a href="#">RNS Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Capacitors</a>     | Voltage - Rated                 | 25V                                                                                |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Polymer                        | Tolerance                       | ±20%                                                                               |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                       | -                              | Size / Dimension                | 0.394" Dia (10.00mm)                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                        | FPCAP, RNS                     | Ripple Current @ Low Frequency  | 380mA @ 120Hz                                                                      |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                               | 3.8A @ 100kHz                  | Ratings                         | -                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                     | Bulk                           | Package / Case                  | Radial, Can                                                                        |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                            | 20 mOhm                        | Detailed Description            | 33µF 25V Aluminum Polymer Capacitor Radial, Can 20 mOhm 2000 Hrs @ 105°C           |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                   | 33µF                           | Applications                    | General Purpose                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                            |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">RNS1FTC27K4</a><br>Description: RES 27.4K OHM 1W 1% AXIAL          | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E470MDN1</a><br>Description: CAP ALUM POLY 47UF 20% 25V T/H    | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E220MDN1</a><br>Description: CAP ALUM POLY 22UF 20% 25V T/H    | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1FTD100K</a><br>Description: RES 100K OHM 1W 1% AXIAL           | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E470MDN1PH</a><br>Description: CAP ALUM POLY 47UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E100MDS1</a><br>Description: CAP ALUM POLY 10UF 20% 25V T/H    | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E150MDS1</a><br>Description: CAP ALUM POLY 15UF 20% 25V T/H    | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1FTC1K00</a><br>Description: RES 1K OHM 1W 1% AXIAL             | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E220MDN1PX</a><br>Description: CAP ALUM POLY 22UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1FTD107K</a><br>Description: RES 107K OHM 1W 1% AXIAL           | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1FTC20K0</a><br>Description: RES 20K OHM 1W 1% AXIAL            | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E150MDS1JX</a><br>Description: CAP ALUM POLY 15UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1FTC78K7</a><br>Description: RES 78.7K OHM 1W 1% AXIAL          | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E100MDS1JT</a><br>Description: CAP ALUM POLY 10UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E150MDS1PX</a><br>Description: CAP ALUM POLY 15UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E220MDN1KX</a><br>Description: CAP ALUM POLY 22UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E101MDN1</a><br>Description: CAP ALUM POLY 100UF 20% 25V T/H   | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E101MDN1PH</a><br>Description: CAP ALUM POLY 100UF 20% 25V T/H | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1E330MDN1PH</a><br>Description: CAP ALUM POLY 33UF 20% 25V T/H  | Manufacturers: <a href="#">Nichicon</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RNS1FTC10K0</a><br>Description: RES 10K OHM 1W 1% AXIAL            | Manufacturers: <a href="#">Stackpole Electronics, Inc.</a> | <a href="#">RFQ</a> |

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