

RSS1E560MCN1GS



Part Number: [RSS1E560MCN1GS](#)

Manufacturer: [Nichicon](#)

Description: CAP ALUM POLY 56UF 20% 25V SMD

Data sheet:  [Chip Type Tape Spec](#)  
 [Polymer Aluminum Land, Reflow](#)  
 [RSS, RSA, RSB Series](#)

RoHs Status: Lead free / RoHS Compliant

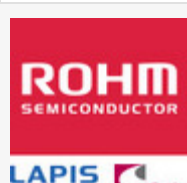
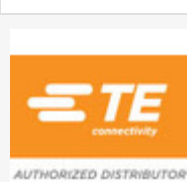
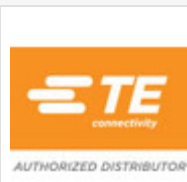
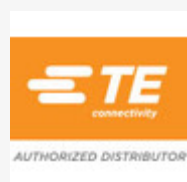
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                |                                    |                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | RSS1E560MCN1GS                                                                 | Manufacturer                       | <a href="#">Nichicon</a>                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP ALUM POLY 56UF 20% 25V SMD                                                 | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 98061 pcs                                                                      | Data sheet                         | <a href="#">Chip Type Tape Spec</a><br><a href="#">Polymer Aluminum Land, Reflow</a><br><a href="#">RSS, RSA, RSB Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                                                     | Voltage - Rated                    | 25V                                                                                                                          |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | Polymer                                                                        | Tolerance                          | ±20%                                                                                                                         |
| Surface Mount Land Size                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.256" L x 0.256" W (6.50mm x 6.50mm)                                          | Size / Dimension                   | 0.248" Dia (6.30mm)                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | FPCAP, RSS                                                                     | Ripple Current @ Low Frequency     | 280mA @ 120Hz                                                                                                                |
| Ripple Current @ High Frequency                                                                                                                                                                                                                                                                                                                                                                                                              | 2.8A @ 100kHz                                                                  | Ratings                            | -                                                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                                               | Package / Case                     | Radial, Can - SMD                                                                                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                  | 493-14288-2<br>RSS1E560MCN1GS-ND                                               | Operating Temperature              | -55°C ~ 105°C                                                                                                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount                                                                  | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                                                                                                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                              | 18 Weeks                                                                       | Lifetime @ Temp.                   | 2000 Hrs @ 105°C                                                                                                             |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                              | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                                                                                                   |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.236" (6.00mm)                                                                | ESR (Equivalent Series Resistance) | 30 mOhm                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                         | 56µF 25V Aluminum Polymer Capacitor Radial, Can - SMD 30 mOhm 2000 Hrs @ 105°C | Capacitance                        | 56µF                                                                                                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                                                |                                    |                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|
|  | Part#: <a href="#">RSS125N03FU6TB</a><br>Description: MOSFET N-CH 30V 12.5A 8SOIC     | Manufacturers: <a href="#">LAPIS Semiconductor</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1E100MCN1GS</a><br>Description: CAP ALUM POLY 10UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1W3K6JTB</a><br>Description: RES 3.6K OHM 1W 5% AXIAL           | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1E270MCN1GS</a><br>Description: CAP ALUM POLY 27UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">RSS140N03TB</a><br>Description: MOSFET N-CH 30V 14A 8-SOIC         | Manufacturers: <a href="#">LAPIS Semiconductor</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1E680MCN1GS</a><br>Description: CAP ALUM POLY 68UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1C101MCN1GS</a><br>Description: CAP ALUM POLY 100UF 20% 16V SMD | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">RSS130N03FU6TB</a><br>Description: MOSFET N-CH 30V 13A 8SOIC       | Manufacturers: <a href="#">LAPIS Semiconductor</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1E470MCN1GS</a><br>Description: CAP ALUM POLY 47UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1W56RJTB</a><br>Description: RES 56.0 OHM 1W 5% AXIAL           | Manufacturers: <a href="#">AMP Connectors / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS2W2K2JTB</a><br>Description: RES 2.20K OHM 2W 5% AXIAL          | Manufacturers: <a href="#">AMP Connectors / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS125N03TB</a><br>Description: MOSFET N-CH 30V 12.5A 8-SOIC       | Manufacturers: <a href="#">LAPIS Semiconductor</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">RSS2W470RJTB</a><br>Description: RES 470 OHM 2W 5% AXIAL           | Manufacturers: <a href="#">AMP Connectors / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS3W10RJTB</a><br>Description: RES 10.0 OHM 3W 5% AXIAL           | Manufacturers: <a href="#">AMP Connectors / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS3W10KJTB</a><br>Description: RES 10.0K OHM 3W 5% AXIAL          | Manufacturers: <a href="#">AMP Connectors / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1W1K8JTB</a><br>Description: RES 1.8K OHM 1W 5% AXIAL           | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1E220MCN1GS</a><br>Description: CAP ALUM POLY 22UF 20% 25V SMD  | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">RSS120N03TB</a><br>Description: MOSFET N-CH 30V 12A 8-SOIC         | Manufacturers: <a href="#">LAPIS Semiconductor</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">RSS33K9JTB</a><br>Description: RES 3.90K OHM 3W 5% AXIAL           | Manufacturers: <a href="#">AMP Connectors / TE Connectivity</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RSS1V100MCN1GS</a><br>Description: CAP ALUM POLY 10UF 20% 35V SMD  | Manufacturers: <a href="#">Nichicon</a>                         | <div>RFQ</div> |

Related keywords for RSS1E560MCN1GS

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