

ESMH100VSN823MA50T





**Part Number:** [ESMH100VSN823MA50T](#)

**Manufacturer:** [Nippon Chemi-Con](#)

**Description:** CAP ALUM 82000UF 20% 10V SNAP

**Data sheet:**  [SMH Series Bulletin](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                       | ESMH100VSN823MA50T             | Manufacturer                    | <a href="#">Nippon Chemi-Con</a>                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP ALUM 82000UF 20% 10V SNAP  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 35981 pcs                      | Data sheet                      | <a href="#">SMH Series Bulletin</a>                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>     | Voltage - Rated                 | 10V                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                           | Surface Mount Land Size         | -                                                                                                  |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                  | 1.378" Dia (35.00mm)           | Series                          | SMH                                                                                                |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                    | 8.49A @ 120Hz                  | Ripple Current @ High Frequency | 9.1692A @ 100kHz                                                                                   |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                           | -                              | Polarization                    | Polar                                                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Bulk                           | Package / Case                  | Radial, Can - Snap-In                                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 565-2605<br>ESMH100VSN823MA50N | Operating Temperature           | -40°C ~ 85°C                                                                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                     | Through Hole                   | Manufacturer Standard Lead Time | 16 Weeks                                                                                           |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                  | 2000 Hrs @ 85°C                | Lead Spacing                    | 0.394" (10.00mm)                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant     | Height - Seated (Max)           | 1.969" (50.00mm)                                                                                   |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                | 10 mOhm @ 120Hz                | Detailed Description            | 82000µF 10V Aluminum Electrolytic Capacitors Radial, Can - Snap-In 10 mOhm @ 120Hz 2000 Hrs @ 85°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                       | 82000µF                        | Applications                    | General Purpose                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nippon Chemi-Con series electronic components. We have 35981 pieces of Nippon Chemi-Con ESMH100VSN823MA50T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                |                                 |                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                 |                |
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|  | Part#: <a href="#">ESMH100VSN333MP50T</a><br>Description: CAP ALUM 33000UF 20% 10V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH100VSN473MR40T</a><br>Description: CAP ALUM 47000UF 20% 10V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VND103MA63T</a><br>Description: CAP ALUM 10000UF 20% 100V SNAP | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN222MQ40S</a><br>Description: CAP ALUM 2200UF 20% 100V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH100VSN393MR35T</a><br>Description: CAP ALUM 39000UF 20% 10V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH100VSN683MR50S</a><br>Description: CAP ALUM 68000UF 20% 10V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN222MA25V</a><br>Description: CAP ALUM 2200UF 20% 100V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN103MA63S</a><br>Description: CAP ALUM 10000UF 20% 100V SNAP | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN222MR30T</a><br>Description: CAP ALUM 2200UF 20% 100V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN222MA25S</a><br>Description: CAP ALUM 2200UF 20% 100V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH100VSN563MR45T</a><br>Description: CAP ALUM 56000UF 20% 10V SNAP  | Manufacturers: <a href="#">United Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN152MR25T</a><br>Description: CAP ALUM 1500UF 20% 100V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH100VSN473MQ50T</a><br>Description: CAP ALUM 47000UF 20% 10V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH100VSN683MA40T</a><br>Description: CAP ALUM 68000UF 20% 10V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN152MR25S</a><br>Description: CAP ALUM 1500UF 20% 100V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ESMH101VNN103MA63T</a><br>Description: CAP ALUM 10000UF 20% 100V SNAP | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
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