

ESMH6R3VSN223MQ25T





**Part Number:** [ESMH6R3VSN223MQ25T](#)

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

**Description:** CAP ALUM 22000UF 20% 6.3V 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                                                                                                                                                                                                                                                                                                                                                                                                       | ESMH6R3VSN223MQ25T             | Manufacturer                    | <a href="#">Nippon Chemi-Con</a>                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP ALUM 22000UF 20% 6.3V SNAP | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 45140 pcs                      | Data sheet                      | <a href="#">SMH Series Bulletin</a>                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>     | Voltage - Rated                 | 6.3V                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                           | Surface Mount Land Size         | -                                                                                                   |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                  | 1.000" Dia (25.40mm)           | Series                          | SMH                                                                                                 |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                    | 3.07A @ 120Hz                  | Ripple Current @ High Frequency | 3.3156A @ 100kHz                                                                                    |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                           | -                              | Polarization                    | Polar                                                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Bulk                           | Package / Case                  | Radial, Can - Snap-In                                                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 565-2573<br>ESMH6R3VSN223MQ25N | 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)           | 0.984" (25.00mm)                                                                                    |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                | 45 mOhm @ 120Hz                | Detailed Description            | 22000µF 6.3V Aluminum Electrolytic Capacitors Radial, Can - Snap-In 45 mOhm @ 120Hz 2000 Hrs @ 85°C |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                       | 22000µF                        | Applications                    | General Purpose                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                 |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">ESMH630VSN822MR45S</a><br>Description: CAP ALUM 8200UF 20% 63V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN153MP25T</a><br>Description: CAP ALUM 15000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH630VSN682MR40T</a><br>Description: CAP ALUM 6800UF 20% 63V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN563MQ50T</a><br>Description: CAP ALUM 56000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN223MP30T</a><br>Description: CAP ALUM 22000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN473MR35T</a><br>Description: CAP ALUM 47000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH630VSN822MR45T</a><br>Description: CAP ALUM 8200UF 20% 63V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH630VSN682MQ50T</a><br>Description: CAP ALUM 6800UF 20% 63V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN273MQ30T</a><br>Description: CAP ALUM 27000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN393MP50T</a><br>Description: CAP ALUM 39000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN473MQ45T</a><br>Description: CAP ALUM 47000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN393MQ40T</a><br>Description: CAP ALUM 39000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VNN273MQ30T</a><br>Description: CAP ALUM 27000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN333MP40T</a><br>Description: CAP ALUM 33000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN104MA45S</a><br>Description: CAP ALUM 100000UF 20% 6.3V SNAP | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH630VSN682MR40S</a><br>Description: CAP ALUM 6800UF 20% 63V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN104MA45T</a><br>Description: CAP ALUM 100000UF 20% 6.3V SNAP | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN563MR40T</a><br>Description: CAP ALUM 56000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ESMH6R3VSN273MP35T</a><br>Description: CAP ALUM 27000UF 20% 6.3V SNAP  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
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