

## EMVH101ARA680MKG5S



**Part Number:** [EMVH101ARA680MKG5S](#)  
**Manufacturer:** [Nippon Chemi-Con](#)  
**Description:** CAP ALUM 68UF 20% 100V SMD  
**Data sheet:** [PDF MVH Series](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                         |                                  |  |   |
|---|----------------------------------|--|---|
| <b>Part Number</b>                        | EMVH101ARA680MKG5S               | <b>Manufacturer</b>                    | <a href="#">Nippon Chemi-Con</a>  |
| <b>Description</b>                        | CAP ALUM 68UF 20% 100V SMD       | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant  |
| <b>Quantity Available</b>                 | 82342 pcs                        | <b>Data sheet</b>                      | <a href="#">MVH Series</a>  |
| <b>Category</b>                           | <a href="#">Capacitors</a>       | <b>Voltage - Rated</b>                 | 100V  |
| <b>Tolerance</b>                          | ±20%                             | <b>Surface Mount Land Size</b>         | 0.512" L x 0.512" W (13.00mm x 13.00mm)   |
| <b>Size / Dimension</b>                   | 0.492" Dia (12.50mm)             | <b>Series</b>                          | Alchip™ - MVH   |
| <b>Ripple Current @ Low Frequency</b>     | 220mA @ 120Hz                    | <b>Ripple Current @ High Frequency</b> | 550mA @ 100kHz  |
| <b>Ratings</b>                            | -                                | <b>Polarization</b>                    | Polar   |
| <b>Packaging</b>                          | Tape & Reel (TR)                 | <b>Package / Case</b>                  | Radial, Can - SMD   |
| <b>Other Names</b>                        | 565-2343-2<br>EMVH101ADA680MKG5S | <b>Operating Temperature</b>           | -40°C ~ 125°C   |
| <b>Mounting Type</b>                      | Surface Mount                    | <b>Manufacturer Standard Lead Time</b> | 16 Weeks  |
| <b>Lifetime @ Temp.</b>                   | 5000 Hrs @ 125°C                 | <b>Lead Spacing</b>                    | -   |
| <b>Lead Free Status / RoHS Status</b>     | Lead free / RoHS Compliant       | <b>Height - Seated (Max)</b>           | 0.630" (16.00mm)  |
| <b>ESR (Equivalent Series Resistance)</b> | 260 mOhm @ 100kHz                | <b>Detailed Description</b>            | 68µF 100V Aluminum Electrolytic Capacitors Radial, Can - SMD 260 mOhm @ 100kHz 5000 Hrs @ 125°C |
| <b>Capacitance</b>                        | 68µF                             | <b>Applications</b>                    | Automotive  |

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| RELATED PRODUCTS |   |  |                     |
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|                  | <b>Part#:</b> <a href="#">EMVH100GDA222MLH0S</a><br><b>Description:</b> CAP ALUM 2200UF 20% 10V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101GDA221MMN0S</a><br><b>Description:</b> CAP ALUM 220UF 20% 100V SMD | <b>Manufacturers:</b> <a href="#">United Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101ADA100MHA0G</a><br><b>Description:</b> CAP ALUM 10UF 20% 100V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH160GDA222MMH0S</a><br><b>Description:</b> CAP ALUM 2200UF 20% 16V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH160GDA681MLH0S</a><br><b>Description:</b> CAP ALUM 680UF 20% 16V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH160ADA470MF60G</a><br><b>Description:</b> CAP ALUM 47UF 20% 16V SMD   | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101ARA470MKE0S</a><br><b>Description:</b> CAP ALUM 47UF 20% 100V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101GDA101MLH0S</a><br><b>Description:</b> CAP ALUM 100UF 20% 100V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101ATR101MLH0S</a><br><b>Description:</b> CAP ALUM 100UF 20% 100V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH160ARA471MKE0S</a><br><b>Description:</b> CAP ALUM 470UF 20% 16V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101GDA330MJA0G</a><br><b>Description:</b> CAP ALUM 33UF 20% 100V SMD  | <b>Manufacturers:</b> <a href="#">United Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH100GDA472MMN0S</a><br><b>Description:</b> CAP ALUM 4700UF 20% 10V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH100GDA332MMH0S</a><br><b>Description:</b> CAP ALUM 3300UF 20% 10V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH100ARA102MKE0S</a><br><b>Description:</b> CAP ALUM 1000UF 20% 10V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101ADA330MJA0G</a><br><b>Description:</b> CAP ALUM 33UF 20% 100V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH160ARA681MKE0S</a><br><b>Description:</b> CAP ALUM 680UF 20% 16V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH100GDA222MMH0S</a><br><b>Description:</b> CAP ALUM 2200UF 20% 10V SMD | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH100ADA331MJA0G</a><br><b>Description:</b> CAP ALUM 330UF 20% 10V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH160ADA101MHA0G</a><br><b>Description:</b> CAP ALUM 100UF 20% 16V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|                  | <b>Part#:</b> <a href="#">EMVH101ADA220MJA0G</a><br><b>Description:</b> CAP ALUM 22UF 20% 100V SMD  | <b>Manufacturers:</b> <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |

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