

EKMG6R3ELL682MK25S



Part Number: [EKMG6R3ELL682MK25S](#)

Manufacturer: [Nippon Chemi-Con](#)

Description: CAP ALUM 6800UF 20% 6.3V RADIAL

Data sheet:  [KMG Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                           |                                    |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------|--------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | EKMG6R3ELL682MK25S                                                        | Manufacturer                       | <a href="#">Nippon Chemi-Con</a>     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP ALUM 6800UF 20% 6.3V RADIAL                                           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 158214 pcs                                                                | Data sheet                         | <a href="#">KMG Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                                                | Voltage - Rated                    | 6.3V                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±20%                                                                      | Surface Mount Land Size            | -                                    |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                   | 0.492" Dia (12.50mm)                                                      | Series                             | KMG                                  |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                     | 1.35A @ 120Hz                                                             | Ripple Current @ High Frequency    | 1.458A @ 100kHz                      |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                         | Polarization                       | Polar                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                          | Bulk                                                                      | Package / Case                     | Radial, Can                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                        | 565-1271                                                                  | Operating Temperature              | -55°C ~ 105°C                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                      | Through Hole                                                              | Moisture Sensitivity Level (MSL)   | Not Applicable                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                    | 16 Weeks                                                                  | Lifetime @ Temp.                   | 1000 Hrs @ 105°C                     |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                       | 0.197" (5.00mm)                                                           | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant           |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                              | 1.043" (26.50mm)                                                          | ESR (Equivalent Series Resistance) | -                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                               | 6800µF 6.3V Aluminum Electrolytic Capacitors Radial, Can 1000 Hrs @ 105°C | Capacitance                        | 6800µF                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                                           |                                    |                                      |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">EKMGR3ELL221ME11D</a><br>Description: CAP ALUM 220UF 20% 6.3V RADIAL   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VSN183MP35T</a><br>Description: CAP ALUM 18000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL331MF11D</a><br>Description: CAP ALUM 330UF 20% 6.3V RADIAL   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL102MHB5D</a><br>Description: CAP ALUM 1000UF 20% 6.3V RADIAL  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VSN153MP30T</a><br>Description: CAP ALUM 15000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ETD102MHB5D</a><br>Description: CAP ALUM 1000UF 20% 6.3V RADIAL  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VNN223MR25S</a><br>Description: CAP ALUM 22000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL472MK20S</a><br>Description: CAP ALUM 4700UF 20% 6.3V RADIAL  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL223MM40S</a><br>Description: CAP ALUM 22000UF 20% 6.3V RADIAL | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VSN153MQ25T</a><br>Description: CAP ALUM 15000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL222MJ20S</a><br>Description: CAP ALUM 2200UF 20% 6.3V RADIAL  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VSN123MP30T</a><br>Description: CAP ALUM 12000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL470ME11D</a><br>Description: CAP ALUM 47UF 20% 6.3V RADIAL    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VNN393MA30T</a><br>Description: CAP ALUM 39000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VSN183MQ30T</a><br>Description: CAP ALUM 18000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL332MJ20S</a><br>Description: CAP ALUM 3300UF 20% 6.3V RADIAL  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL471MF11D</a><br>Description: CAP ALUM 470UF 20% 6.3V RADIAL   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VSN103MP25T</a><br>Description: CAP ALUM 10000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKM100VNN273MQ40S</a><br>Description: CAP ALUM 27000UF 20% 10V SNAP    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EKMGR3ELL103ML25S</a><br>Description: CAP ALUM 10000UF 20% 6.3V RADIAL | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <a href="#">RFQ</a> |

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