

EKZN6R3ELL682MK30S





**Part Number:** [EKZN6R3ELL682MK30S](#)

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

**Description:** CAP ALUM 6800UF 20% 6.3V RADIAL

**Data sheet:**  [KZN Series](#)

**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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |                                    |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EKZN6R3ELL682MK30S                                                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | 105608 pcs                                                                 | Data sheet                         | <a href="#">KZN Series</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                                 | Voltage - Rated                    | 6.3V                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                                       | Surface Mount Land Size            | -                                |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.492" Dia (12.50mm)                                                       | Series                             | KZN                              |
| Ripple Current @ Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.9325A @ 120Hz                                                            | Ripple Current @ High Frequency    | 3.45A @ 100kHz                   |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                          | Polarization                       | Polar                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Bulk                                                                       | Package / Case                     | Radial, Can                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 105°C                                                              | Mounting Type                      | Through Hole                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                                              | Manufacturer Standard Lead Time    | 16 Weeks                         |
| Lifetime @ Temp.                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10000 Hrs @ 105°C                                                          | Lead Spacing                       | 0.197" (5.00mm)                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                 | Impedance                          | 18 mOhms                         |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.240" (31.50mm)                                                           | ESR (Equivalent Series Resistance) | -                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6800µF 6.3V Aluminum Electrolytic Capacitors Radial, Can 10000 Hrs @ 105°C | Capacitance                        | 6800µF                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                                            |                                    |                                  |
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| RELATED PRODUCTS                                                                   |                                                                                                       |                                                 |                |
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|  | <p>Part#: <a href="#">EKZN6R3ELL682ML20S</a></p> <p>Description: CAP ALUM 6800UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL223MM40S</a></p> <p>Description: CAP ALUM 22000UF 20% 6.3V RADIAL</p> | Manufacturers: <a href="#">United Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN800ELL120ME11D</a></p> <p>Description: CAP ALUM 12UF 20% 80V RADIAL</p>     | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL183ML40S</a></p> <p>Description: CAP ALUM 18000UF 20% 6.3V RADIAL</p> | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL821MHB5D</a></p> <p>Description: CAP ALUM 820UF 20% 6.3V RADIAL</p>   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL562MK25S</a></p> <p>Description: CAP ALUM 5600UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN800ELL102MLP1S</a></p> <p>Description: CAP ALUM 1000UF 20% 80V RADIAL</p>   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN800ELL152MMP1S</a></p> <p>Description: CAP ALUM 1500UF 20% 80V RADIAL</p>   | Manufacturers: <a href="#">United Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL822MM20S</a></p> <p>Description: CAP ALUM 8200UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN800ELL122MMN3S</a></p> <p>Description: CAP ALUM 1200UF 20% 80V RADIAL</p>   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL471MF11D</a></p> <p>Description: CAP ALUM 470UF 20% 6.3V RADIAL</p>   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL183MMP1S</a></p> <p>Description: CAP ALUM 18000UF 20% 6.3V RADIAL</p> | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL332MJ25S</a></p> <p>Description: CAP ALUM 3300UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN800ELL122ML40S</a></p> <p>Description: CAP ALUM 1200UF 20% 80V RADIAL</p>   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL221ME11D</a></p> <p>Description: CAP ALUM 220UF 20% 6.3V RADIAL</p>   | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL272MJ20S</a></p> <p>Description: CAP ALUM 2700UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL822MK35S</a></p> <p>Description: CAP ALUM 8200UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL392MK20S</a></p> <p>Description: CAP ALUM 3900UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN800ELL121MJ16S</a></p> <p>Description: CAP ALUM 120UF 20% 80V RADIAL</p>    | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |
|  | <p>Part#: <a href="#">EKZN6R3ELL272MK16S</a></p> <p>Description: CAP ALUM 2700UF 20% 6.3V RADIAL</p>  | Manufacturers: <a href="#">Nippon Chemi-Con</a> | <div>RFQ</div> |

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