

CKG32KX7S1H685K335AJ





Part Number: [CKG32KX7S1H685K335AJ](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 6.8UF 50V X7S SMD

Data sheet:  [CKG Series, MegaCap Automotive Spec](#)  
 [CKG32KX7S1H685K335AJ Character Sheet](#)  
 [CKG Series, MegaCap Automotive](#)

RoHs Status: Lead free / RoHS Compliant

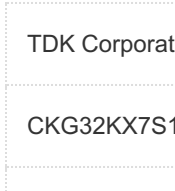
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                                  |                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CKG32KX7S1H685K335AJ                | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 6.8UF 50V X7S SMD           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 53840 pcs                           | Data sheet                       | <a href="#">CKG Series, MegaCap Automotive Spec</a><br><a href="#">CKG32KX7S1H685K335AJ Character Sheet</a><br><a href="#">CKG Series, MegaCap Automotive</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>          | Voltage - Rated                  | 50V                                                                                                                                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±10%                                | Thickness (Max)                  | 0.136" (3.45mm)                                                                                                                                               |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | X7S                                 | Size / Dimension                 | 0.142" L x 0.102" W (3.60mm x 2.60mm)                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MEGACAP, CKG                        | Ratings                          | AEC-Q200                                                                                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                    | Package / Case                   | Nonstandard SMD                                                                                                                                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-10321-2<br>CKG32KX7S1H685KT0Y0W | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                 |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount, MLCC                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40 Weeks                            | Lead Style                       | -                                                                                                                                                             |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                    |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                   | Features                         | Low ESL                                                                                                                                                       |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                   | Detailed Description             | 6.8µF ±10% 50V Ceramic Capacitor X7S Nonstandard SMD                                                                                                          |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6.8µF                               | Applications                     | Automotive, SMPS Filtering, Bypass, Decoupling                                                                                                                |
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