

CKG45NX7S1H106M500JH





**Part Number:** [CKG45NX7S1H106M500JH](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 10UF 50V X7S SMD

**Data sheet:**  [CKG Series, MegaCap Commercial Spec](#)  
 [CKG45NX7S1H106M500JH Character Sheet](#)  
 [CKG Series, MegaCap Commercial Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            |                                  |                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CKG45NX7S1H106M500JH       | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 10UF 50V X7S SMD   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 38002 pcs                  | Data sheet                       | <a href="#">CKG Series, MegaCap Commercial Spec</a><br><a href="#">CKG45NX7S1H106M500JH Character Sheet</a><br><a href="#">CKG Series, MegaCap Commercial Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a> | Voltage - Rated                  | 50V                                                                                                                                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                       | Thickness (Max)                  | 0.217" (5.50mm)                                                                                                                                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | X7S                        | Size / Dimension                 | 0.197" L x 0.138" W (5.00mm x 3.50mm)                                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MEGACAP, CKG               | Ratings                          | -                                                                                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Original-Reel®             | Package / Case                   | Stacked SMD, 2 J-Lead                                                                                                                                                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-7098-6                 | 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                       | J-Lead                                                                                                                                                                  |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                              |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                          | Features                         | Low ESL (Stacked)                                                                                                                                                       |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                          | Detailed Description             | 10µF ±20% 50V Ceramic Capacitor X7S Stacked SMD, 2 J-Lead                                                                                                               |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10µF                       | Applications                     | SMPS Filtering, Bypass, Decoupling                                                                                                                                      |
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|  | Part#: <a href="#">CKG45NX7R2E105M500JJ</a><br>Description: CAP CER 1UF 250V X7R SMD    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7R2A475M500JJ</a><br>Description: CAP CER 4.7UF 100V X7R SMD  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7S2A685M500JJ</a><br>Description: CAP CER 6.8UF 100V X7S SMD  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7R2J224M500JH</a><br>Description: CAP CER 0.22UF 630V X7R SMD | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CKG45NX7T2J334M500JH</a><br>Description: CAP CER 0.33UF 630V X7T SMD | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7S2A685M500JH</a><br>Description: CAP CER 6.8UF 100V X7S SMD  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7T2E155M500JJ</a><br>Description: CAP CER 1.5UF 250V X7T SMD  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7R2E105M500JH</a><br>Description: CAP CER 1UF 250V X7R SMD    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7T2E155M500JH</a><br>Description: CAP CER 1.5UF 250V X7T SMD  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CKG45NX7T2E225M500JJ</a><br>Description: CAP CER 2.2UF 250V X7T SMD  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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