

C3225X7R1H106M250AC



**Part Number:** C3225X7R1H106M250AC

**Manufacturer:** TDK Corporation

**Description:** CAP CER 10UF 50V X7R 1210

**Data sheet:**  [C Series, General Datasheet](#)  
 [C3225X7R1H106M250AC Character Sheet](#)  
 [C Series, Gen Appl & Mid-Voltage Spec](#)  
 [MLCC Part Number Guide](#)

**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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                        |                                  |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C3225X7R1H106M250AC                                    | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 10UF 50V X7R 1210                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 108064 pcs                                             | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C3225X7R1H106M250AC Character Sheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                             | Voltage - Rated                  | 50V                                                                                                                                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                                                   | Thickness (Max)                  | 0.110" (2.80mm)                                                                                                                                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | X7R                                                    | Size / Dimension                 | 0.126" L x 0.098" W (3.20mm x 2.50mm)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C                                                      | Ratings                          | -                                                                                                                                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                                       | Package / Case                   | 1210 (3225 Metric)                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-14933-2<br>C3225X7R1H106MT000E                     | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount, MLCC                                    | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                             |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                      | Lead Spacing                     | -                                                                                                                                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                             | Height - Seated (Max)            | -                                                                                                                                                                                                         |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Low ESL                                                | Failure Rate                     | -                                                                                                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10µF ±20% 50V Ceramic Capacitor X7R 1210 (3225 Metric) | Capacitance                      | 10µF                                                                                                                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Purpose                                        |                                  |                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">C3225X7R1H335M250AB</a><br>Description: CAP CER 3.3UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H105M160AA</a><br>Description: CAP CER 1UF 50V X7R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H225M/2.50</a><br>Description: CAP CER 2.2UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H155K200AA</a><br>Description: CAP CER 1.5UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H225K250AB</a><br>Description: CAP CER 2.2UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H225M200AE</a><br>Description: CAP CER 2.2UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H105M/8</a><br>Description: CAP CER 1UF 50V X7R 1210      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H225K200AB</a><br>Description: CAP CER 2.2UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1E475M200AA</a><br>Description: CAP CER 4.7UF 25V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1E685M250AB</a><br>Description: CAP CER 6.8UF 25V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1E685K250AB</a><br>Description: CAP CER 6.8UF 25V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H225M200AB</a><br>Description: CAP CER 2.2UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H105K160AA</a><br>Description: CAP CER 1UF 50V X7R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H335K250AB</a><br>Description: CAP CER 3.3UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1E475M/5</a><br>Description: CAP CER 4.7UF 25V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H155M200AA</a><br>Description: CAP CER 1.5UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H105K/1.6</a><br>Description: CAP CER 1UF 50V X7R 1210    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H225K200AE</a><br>Description: CAP CER 2.2UF 50V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C3225X7R1H105K/2.00</a><br>Description: CAP CER 1UF 50V X7R 1210   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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