

C2012X7R1E474M125AA



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**Part Number:** [C2012X7R1E474M125AA](#)

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

**Description:** CAP CER 0.47UF 25V X7R 0805

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

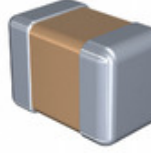
**RoHs Status:** Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                  |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C2012X7R1E474M125AA                                      | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.47UF 25V X7R 0805                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1338764 pcs                                              | Data sheet                       | <a href="#">C Series, General Datasheet</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                  | 25V                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                     | Thickness (Max)                  | 0.057" (1.45mm)                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X7R                                                      | Size / Dimension                 | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                        | Ratings                          | -                                                                                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cut Tape (CT)                                            | Package / Case                   | 0805 (2012 Metric)                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-7564-1                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.47µF ±20% 25V Ceramic Capacitor X7R 0805 (2012 Metric) | Capacitance                      | 0.47µF                                                                                                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                          |                                  |                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">C2012X7R1H102M</a><br>Description: CAP CER 1000PF 50V X7R 0805      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E474K125AA</a><br>Description: CAP CER 0.47UF 25V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E475M125AB</a><br>Description: CAP CER 4.7UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E684M125AB</a><br>Description: CAP CER 0.68UF 25V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E475M125AE</a><br>Description: CAP CER 4.7UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E225K125AE</a><br>Description: CAP CER 2.2UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E335K125AB</a><br>Description: CAP CER 3.3UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E334M</a><br>Description: CAP CER 0.33UF 25V X7R 0805      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E475K125AB</a><br>Description: CAP CER 4.7UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E335M125AB</a><br>Description: CAP CER 3.3UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E334K</a><br>Description: CAP CER 0.33UF 25V X7R 0805      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E225M085AB</a><br>Description: CAP CER 2.2UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E474K10</a><br>Description: CAP CER 0.47UF 25V X7R 0805    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1H103K</a><br>Description: CAP CER 10000PF 50V X7R 0805     | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1H102K</a><br>Description: CAP CER 1000PF 50V X7R 0805      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1H102K10</a><br>Description: CAP CER 1000PF 50V X7R 0805    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E684K125AB</a><br>Description: CAP CER 0.68UF 25V X7R 0805 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E225M125AB</a><br>Description: CAP CER 2.2UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E225M125AE</a><br>Description: CAP CER 2.2UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C2012X7R1E475K125AE</a><br>Description: CAP CER 4.7UF 25V X7R 0805  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

| Related keywords for C2012X7R1E474M125AA |                                 |                              |                           |
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