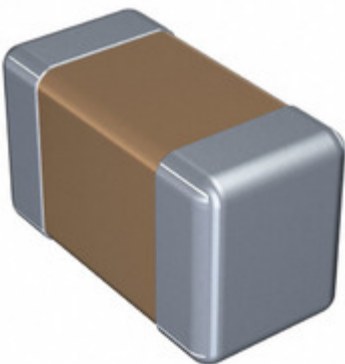


C1608X5R1C475K080AE





**Part Number:** [C1608X5R1C475K080AE](#)

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

**Description:** MLCC, SOFT TERMINATION, 0603, X5

**Data sheet:**  [C Series, Soft Termination Datasheet](#)  
 [C Series, Soft Termination Spec](#)  
 [MLCC Part Number Guide](#)

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

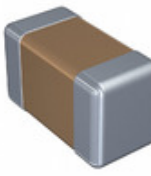
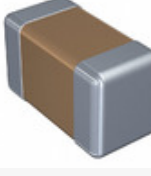
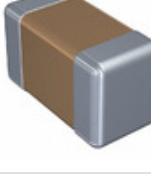
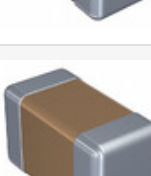
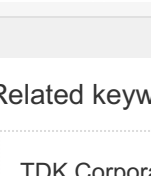
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C1608X5R1C475K080AE              | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MLCC, SOFT TERMINATION, 0603, X5 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 728762 pcs                       | Data sheet                       | <a href="#">C Series, Soft Termination Datasheet</a><br><a href="#">C Series, Soft Termination Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>       | Voltage - Rated                  | 16V                                                                                                                                               |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±10%                             | Thickness (Max)                  | 0.039" (1.00mm)                                                                                                                                   |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | X5R                              | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C                                | Ratings                          | -                                                                                                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cut Tape (CT)                    | Package / Case                   | 0603 (1608 Metric)                                                                                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-175225-1                     | Operating Temperature            | -55°C ~ 85°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                         | Soft Termination                                                                                                                                  |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                | Detailed Description             | 4.7µF ±10% 16V Ceramic Capacitor X5R 0603 (1608 Metric)                                                                                           |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.7µF                            | Applications                     | Boardflex Sensitive                                                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">C1608X5R1E105M080AC</a><br>Description: CAP CER 1UF 25V X5R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C685M080AB</a><br>Description: CAP CER 6.8UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1E105K080AC</a><br>Description: CAP CER 1UF 25V X5R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C225K080AB</a><br>Description: CAP CER 2.2UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C475K080AC</a><br>Description: CAP CER 4.7UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C474K080AA</a><br>Description: CAP CER 0.47UF 16V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1E154K080AA</a><br>Description: CAP CER 0.15UF 25V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1E106M080AC</a><br>Description: CAP CER 10UF 25V X5R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C334M080AA</a><br>Description: CAP CER 0.33UF 16V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C685K080AB</a><br>Description: CAP CER 6.8UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C334K080AA</a><br>Description: CAP CER 0.33UF 16V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C335M080AC</a><br>Description: CAP CER 3.3UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C225M080AB</a><br>Description: CAP CER 2.2UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1E104K</a><br>Description: CAP CER 0.1UF 25V X5R 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C475M080AC</a><br>Description: CAP CER 4.7UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C335K080AC</a><br>Description: CAP CER 3.3UF 16V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C474M080AA</a><br>Description: CAP CER 0.47UF 16V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C684M080AA</a><br>Description: CAP CER 0.68UF 16V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C684K080AA</a><br>Description: CAP CER 0.68UF 16V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1C224M</a><br>Description: CAP CER 0.22UF 16V X5R 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

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