

C1608X5R2A102M080AA





**Part Number:** [C1608X5R2A102M080AA](#)

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

**Description:** CAP CER 1000PF 100V X5R 0603

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

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

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                           |                                  |                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C1608X5R2A102M080AA                                       | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 1000PF 100V X5R 0603                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4158709 pcs                                               | Data sheet                       | <a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">C Series, Mid Voltage Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                | Voltage - Rated                  | 100V                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                                                      | Thickness (Max)                  | 0.035" (0.90mm)                                                                                              |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X5R                                                       | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                         | Ratings                          | -                                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Original-Reel®                                            | Package / Case                   | 0603 (1608 Metric)                                                                                           |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-14174-6                                               | Operating Temperature            | -55°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                         | Failure Rate                     | -                                                                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000pF ±20% 100V Ceramic Capacitor X5R 0603 (1608 Metric) | Capacitance                      | 1000pF                                                                                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                           |                                  |                                                                                                              |
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|  | Part#: <a href="#">C1608X5R1V475K080AC</a><br>Description: CAP CER 4.7UF 35V X5R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A222K080AA</a><br>Description: CAP CER 2200PF 100V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V335M080AC</a><br>Description: CAP CER 3.3UF 35V X5R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V474K080AB</a><br>Description: CAP CER 0.47UF 35V X5R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A102K080AA</a><br>Description: CAP CER 1000PF 100V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A153M080AA</a><br>Description: CAP CER 0.015UF 100V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V684K080AB</a><br>Description: CAP CER 0.68UF 35V X5R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A103M080AA</a><br>Description: CAP CER 10000PF 100V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C1608X5R2A153K080AA</a><br>Description: CAP CER 0.015UF 100V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V475M080AC</a><br>Description: CAP CER 4.7UF 35V X5R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V335K080AC</a><br>Description: CAP CER 3.3UF 35V X5R 0603    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A223M080AA</a><br>Description: CAP CER 0.022UF 100V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A103K080AA</a><br>Description: CAP CER 10000PF 100V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V684M080AB</a><br>Description: CAP CER 0.68UF 35V X5R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A223K080AA</a><br>Description: CAP CER 0.022UF 100V X5R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R2A152K080AA</a><br>Description: CAP CER 1500PF 100V X5R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1608X5R1V334M080AB</a><br>Description: CAP CER 0.33UF 35V X5R 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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