

CGA3E2X8R1H223K080AA





**Part Number:** [CGA3E2X8R1H223K080AA](#)

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

**Description:** CAP CER 0.022UF 50V X8R 0603

**Data sheet:**  [CGA Series, Automotive High Temp Datasheet](#)  
 [CGA3E2X8R1H223K080AA Character Sheet](#)  
 [CGA Series, Automotive High Temp Spec](#)

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

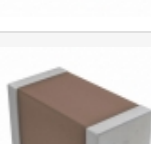
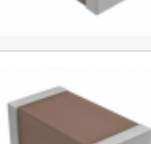
**Ship From:** Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                  |                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA3E2X8R1H223K080AA                                  | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 0.022UF 50V X8R 0603                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2417961 pcs                                           | Data sheet                       | <a href="#">CGA Series, Automotive High Temp Datasheet</a><br><a href="#">CGA3E2X8R1H223K080AA Character Sheet</a><br><a href="#">CGA Series, Automotive High Temp Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 50V                                                                                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ±10%                                                  | Thickness (Max)                  | 0.035" (0.90mm)                                                                                                                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                            | X8R                                                   | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CGA                                                   | Ratings                          | AEC-Q200                                                                                                                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                                      | Package / Case                   | 0603 (1608 Metric)                                                                                                                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-5894-2<br>CGA3E2X8R1H223K<br>CGA3E2X8R1H223KT0Y0H | Operating Temperature            | -55°C ~ 150°C                                                                                                                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount, MLCC                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                    | 46 Weeks                                              | Lead Style                       | -                                                                                                                                                                           |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                  |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                     | Features                         | High Temperature                                                                                                                                                            |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                     | Detailed Description             | 0.022µF ±10% 50V Ceramic Capacitor X8R 0603 (1608 Metric)                                                                                                                   |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.022µF                                               | Applications                     | Automotive                                                                                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 2417961 pieces of TDK Corporation CGA3E2X8R1H223K080AA in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                       |                                  |                                                                                                                                                                             |

| RELATED PRODUCTS                                                                                                         |                                                                                          |                                                |                     |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|                                        | Part#: <a href="#">CGA3E2X8R1H332K080AE</a><br>Description: CAP CER 3300PF 50V X8R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA3E2X8R1H223K080AE</a><br>Description: CAP CER 0.022UF 50V X8R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA3E2X8R1H153M080AA</a><br>Description: CAP CER 0.015UF 50V X8R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
| <br><small>Epoxy Mounting Only</small> | Part#: <a href="#">CGA3E2X8R1H332M080AD</a><br>Description: CAP CER 3300PF 50V X8R 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|                                        | Part#: <a href="#">CGA3E2X8R1H153K080AE</a><br>Description: CAP CER 0.015UF 50V X8R 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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