

CGA3E2X7R1H103M080AD



Epoxy Mounting Only

Part Number: [CGA3E2X7R1H103M080AD](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 10000PF 50V X7R 0603

Data sheet:  [CGA Series, Automotive Epoxy Appl](#)  
 [CGA3E2X7R1H103M080AD Character Sheet](#)  
 [CGA Series, Automotive Epoxy Appl Spec](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                              |                                  |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA3E2X7R1H103M080AD         | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 10000PF 50V X7R 0603 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 929850 pcs                   | Data sheet                       | <a href="#">CGA Series, Automotive Epoxy Appl</a><br><a href="#">CGA3E2X7R1H103M080AD Character Sheet</a><br><a href="#">CGA Series, Automotive Epoxy Appl Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>   | Voltage - Rated                  | 50V                                                                                                                                                                 |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±20%                         | Thickness (Max)                  | 0.032" (0.80mm)                                                                                                                                                     |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X7R                          | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGA                          | Ratings                          | AEC-Q200                                                                                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Original-Reel®               | Package / Case                   | 0603 (1608 Metric)                                                                                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-9825-6                   | Operating Temperature            | -55°C ~ 125°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                         | Epoxy Mountable                                                                                                                                                     |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                            | Detailed Description             | 10000pF ±20% 50V Ceramic Capacitor X7R 0603 (1608 Metric)                                                                                                           |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10000pF                      | Applications                     | Automotive                                                                                                                                                          |
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