

CGA3E2NP01H822J080AA



Part Number:

CGA3E2NP01H822J080AA

Manufacturer:

TDK Corporation

Description:

CAP CER 8200PF 50V NP0 0603

Data sheet:

 [CGA Series, Automotive High Temp Datasheet](#)

 [CGA3E2NP01H822J080AA Character Sheet](#)

 [CGA Series, Automotive High Temp Spec](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                                  |                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGA3E2NP01H822J080AA                | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 8200PF 50V NP0 0603         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 547906 pcs                          | Data sheet                       | <a href="#">CGA Series, Automotive High Temp Datasheet</a><br><a href="#">CGA3E2NP01H822J080AA Character Sheet</a><br><a href="#">CGA Series, Automotive High Temp Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>          | Voltage - Rated                  | 50V                                                                                                                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±5%                                 | Thickness (Max)                  | 0.035" (0.90mm)                                                                                                                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | C0G, NP0                            | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-12429-2<br>CGA3E2NP01H822JT0Y0N | Operating Temperature            | -55°C ~ 150°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                         | High Temperature                                                                                                                                                            |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                   | Detailed Description             | 8200pF ±5% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric)                                                                                                                |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8200pF                              | Applications                     | Automotive                                                                                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">CGA3E2NP01H562J080AA</a><br>Description: CAP CER 5600PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H6R8D080AA</a><br>Description: CAP CER 6.8PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H560J080AA</a><br>Description: CAP CER 56PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP02A030C080AA</a><br>Description: CAP CER 3PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA3E2NP02A100D080AA</a><br>Description: CAP CER 10PF 100V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP02A010C080AA</a><br>Description: CAP CER 1PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H680J080AA</a><br>Description: CAP CER 68PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA3E2NP02A080D080AA</a><br>Description: CAP CER 8PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H561J080AA</a><br>Description: CAP CER 560PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP02A050C080AA</a><br>Description: CAP CER 5PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP02A070D080AA</a><br>Description: CAP CER 7PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H682J080AA</a><br>Description: CAP CER 6800PF 50V NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H821J080AA</a><br>Description: CAP CER 820PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H4R7C080AA</a><br>Description: CAP CER 4.7PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H820J080AA</a><br>Description: CAP CER 82PF 50V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP01H681J080AA</a><br>Description: CAP CER 680PF 50V NP0 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA3E2NP02A060D080AA</a><br>Description: CAP CER 6PF 100V NP0 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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