

CGA3E2C0G1H152J080AA





Part Number: [CGA3E2C0G1H152J080AA](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 1500PF 50V C0G 0603

Data sheet:  [CGA Series, Automotive Grade Catalog](#)  
 [CGA3E2C0G1H152J080AA Character Sheet](#)  
 [CGA Series, Automotive General & Mid-Volt Spec](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                  |                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA3E2C0G1H152J080AA                                  | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 1500PF 50V C0G 0603                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1880310 pcs                                           | Data sheet                       | <a href="#">CGA Series, Automotive Grade Catalog</a><br><a href="#">CGA3E2C0G1H152J080AA Character Sheet</a><br><a href="#">CGA Series, Automotive General &amp; Mid-Volt 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-5654-2<br>CGA3E2C0G1H152J<br>CGA3E2C0G1H152JT0Y0N | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount, MLCC                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                    | 52 Weeks                                              | Lead Style                       | -                                                                                                                                                                                  |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                         |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                     | Features                         | -                                                                                                                                                                                  |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                     | Detailed Description             | 1500pF ±5% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric)                                                                                                                       |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1500pF                                                | Applications                     | Automotive                                                                                                                                                                         |
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|                                 | Part#: <a href="#">CGA3E2C0G1H220J080AA</a><br>Description: CAP CER 22PF 50V C0G 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G1H182J080AA</a><br>Description: CAP CER 1800PF 50V C0G 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H121J080AD</a><br>Description: CAP CER 120PF 50V C0G 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H152J080AD</a><br>Description: CAP CER 1500PF 50V C0G 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H180J080AD</a><br>Description: CAP CER 18PF 50V C0G 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H182J080AD</a><br>Description: CAP CER 1800PF 50V C0G 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G1H151J080AA</a><br>Description: CAP CER 150PF 50V C0G 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H122J080AD</a><br>Description: CAP CER 1200PF 50V C0G 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G1H181J080AA</a><br>Description: CAP CER 180PF 50V C0G 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G1H1R5C080AA</a><br>Description: CAP CER 1.5PF 50V C0G 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G1H120J080AA</a><br>Description: CAP CER 12PF 50V C0G 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H150J080AA</a><br>Description: CAP CER 15PF 50V C0G 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G1H181J080AD</a><br>Description: CAP CER 180PF 50V C0G 0603  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|                                 | Part#: <a href="#">CGA3E2C0G1H180J080AA</a><br>Description: CAP CER 18PF 50V C0G 0603   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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