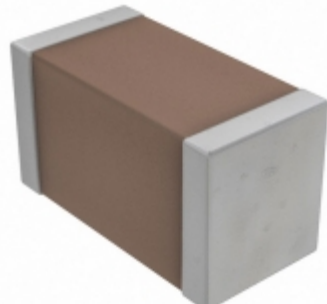


CGA3E2C0G2A181J080AA



Images are for reference only.  
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Part Number: [CGA3E2C0G2A181J080AA](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 180PF 100V C0G 0603

Data sheet:  [CGA3E2C0G2A181J080AA Character Sheet](#)  
 [CGA Series, Automotive Mid Voltage Datasheet](#)  
 [CGA Series, Automotive General & Mid-Volt Spec](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                              |                                  |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA3E2C0G2A181J080AA                                         | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 180PF 100V C0G 0603                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2150299 pcs                                                  | Data sheet                       | <a href="#">CGA3E2C0G2A181J080AA Character Sheet</a><br><a href="#">CGA Series, Automotive Mid Voltage Datasheet</a><br><a href="#">CGA Series, Automotive General &amp; Mid-Volt Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                                   | Voltage - Rated                  | 100V                                                                                                                                                                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cut Tape (CT)                                                | Package / Case                   | 0603 (1608 Metric)                                                                                                                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-5727-1                                                   | Operating Temperature            | -55°C ~ 125°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                                                                                                                                                                                                                                                                                                                                                                                                                                               | 180pF ±5% 100V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                      | 180pF                                                                                                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Automotive                                                   |                                  |                                                                                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 2150299 pieces of TDK Corporation CGA3E2C0G2A181J080AA 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="#">CGA3E2C0G2A180J080AA</a><br>Description: CAP CER 18PF 100V C0G 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A151J080AA</a><br>Description: CAP CER 150PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A220J080AA</a><br>Description: CAP CER 22PF 100V C0G 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A150J080AA</a><br>Description: CAP CER 15PF 100V C0G 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A180J080AD</a><br>Description: CAP CER 18PF 100V C0G 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A152J080AA</a><br>Description: CAP CER 1500PF 100V C0G 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A122J080AE</a><br>Description: CAP CER 1200PF 100V C0G/NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A122J080AD</a><br>Description: CAP CER 1200PF 100V C0G 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A150J080AD</a><br>Description: CAP CER 15PF 100V C0G 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A221J080AD</a><br>Description: CAP CER 220PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A1R5C080AA</a><br>Description: CAP CER 1.5PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A220J080AD</a><br>Description: CAP CER 22PF 100V C0G 0603       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A152J080AE</a><br>Description: CAP CER 1500PF 100V C0G/NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A182J080AE</a><br>Description: CAP CER 1800PF 100V C0G/NP0 0603 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A151J080AD</a><br>Description: CAP CER 150PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A181J080AD</a><br>Description: CAP CER 180PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A182J080AA</a><br>Description: CAP CER 1800PF 100V C0G 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A221J080AA</a><br>Description: CAP CER 220PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  <div>Epoxy Mounting Only</div> | Part#: <a href="#">CGA3E2C0G2A1R5C080AD</a><br>Description: CAP CER 1.5PF 100V C0G 0603      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|                                 | Part#: <a href="#">CGA3E2C0G2A222J080AA</a><br>Description: CAP CER 2200PF 100V C0G 0603     | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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