

CGA1A2C0G1E050C030BA





Part Number: [CGA1A2C0G1E050C030BA](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 5PF 25V C0G 0201

Data sheet:  [CGA Series, Automotive Grade Catalog](#)  
 [CGA1A2C0G1E050C030BA Character Sheet](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CGA1A2C0G1E050C030BA                                  | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 5PF 25V C0G 0201                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3945115 pcs                                           | Data sheet                       | <a href="#">CGA Series, Automotive Grade Catalog</a><br><a href="#">CGA1A2C0G1E050C030BA Character Sheet</a><br><a href="#">CGA Series, Automotive General &amp; Mid-Volt Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                            | Voltage - Rated                  | 25V                                                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ±0.25pF                                               | Thickness (Max)                  | 0.013" (0.33mm)                                                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                            | C0G, NP0                                              | Size / Dimension                 | 0.024" L x 0.012" W (0.60mm x 0.30mm)                                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CGA                                                   | Ratings                          | AEC-Q200                                                                                                                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                                      | Package / Case                   | 0201 (0603 Metric)                                                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 445-9043-2<br>CGA1A2C0G1E050C<br>CGA1A2C0G1E050CT0YNN | 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                         | -                                                                                                                                                                                  |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                     | Detailed Description             | 5pF ±0.25pF 25V Ceramic Capacitor C0G, NP0 0201 (0603 Metric)                                                                                                                      |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5pF                                                   | Applications                     | Automotive                                                                                                                                                                         |
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|  | Part#: <a href="#">CGA1A2C0G1E090D030BA</a><br>Description: CAP CER 9PF 25V C0G 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E030C030BA</a><br>Description: CAP CER 3PF 25V C0G 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CGA1206MLA-22841E</a><br>Description: VARISTOR 27V 100A 1206        | Manufacturers: <a href="#">Bourns, Inc.</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E150J030BA</a><br>Description: CAP CER 15PF 25V C0G 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1206MLA-26601E</a><br>Description: VARISTOR 33.5V 200A 1206      | Manufacturers: <a href="#">Bourns, Inc.</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E070D030BA</a><br>Description: CAP CER 7PF 25V C0G 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E180J030BA</a><br>Description: CAP CER 18PF 25V C0G 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E080D030BA</a><br>Description: CAP CER 8PF 25V C0G 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1206MLA-31551E</a><br>Description: VARISTOR 39.5V 200A 1206      | Manufacturers: <a href="#">Bourns, Inc.</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1206MLA-38501E</a><br>Description: VARISTOR 47.5V 200A 1206      | Manufacturers: <a href="#">Bourns, Inc.</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E020C030BA</a><br>Description: CAP CER 2PF 25V C0G 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E1R5C030BA</a><br>Description: CAP CER 1.5PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CGA1A2C0G1E101J030BA</a><br>Description: CAP CER 100PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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