

C0603C0G1E090C



Part Number: [C0603C0G1E090C](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 9PF 25V C0G 0201

Data sheet: [PDF C Series, General](#)  
[PDF C Series, Gen Appl Spec](#)  
[PDF MLCC Part Number Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                               |                                  |                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0603C0G1E090C                                                | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 9PF 25V C0G 0201                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5683409 pcs                                                   | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">C Series, Gen Appl Spec</a><br><a href="#">MLCC Part Number Guide</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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C                                                             | Ratings                          | -                                                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cut Tape (CT)                                                 | Package / Case                   | 0201 (0603 Metric)                                                                                                     |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 445-4646-1                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9pF ±0.25pF 25V Ceramic Capacitor C0G, NP0 0201 (0603 Metric) | Capacitance                      | 9pF                                                                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | General Purpose                                               |                                  |                                                                                                                        |
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|  | Part#: <a href="#">C0603C0G1E070C030BG</a><br>Description: CAP CER 7PF 25V C0G 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0603C0G1E080B</a><br>Description: CAP CER 8PF 25V C0G 0201        | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0603C0G1E0R3W</a><br>Description: CAP CER 0.3PF 25V C0G 0201      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0603C0G1E0R3B030BF</a><br>Description: CAP CER 0.3PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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