

CC0402GRNPO9BN120



**Part Number:** [CC0402GRNPO9BN120](#)

**Manufacturer:** [Yageo](#)

**Description:** CAP CER 12PF 50V NPO 0402

**Data sheet:**  [CC Series, Class 1, NPO 16V to 50V](#)  
 [MLCC Ordering Guide](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                       |                                  |                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | CC0402GRNPO9BN120                                                     | Manufacturer                     | <a href="#">Yageo</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | CAP CER 12PF 50V NPO 0402                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 3380932 pcs                                                           | Data sheet                       | <a href="#">CC Series, Class 1, NPO 16V to 50V</a><br><a href="#">MLCC Ordering Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Capacitors</a>                                            | Voltage - Rated                  | 50V                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±2%                                                                   | Thickness (Max)                  | 0.022" (0.55mm)                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                     | C0G, NP0                                                              | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | CC                                                                    | Ratings                          | -                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                                      | Package / Case                   | 0402 (1005 Metric)                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0402CG120G9B200<br>223886914129<br>311-3609-2<br>CC0402GRNPO9BN120-ND | Operating Temperature            | -55°C ~ 125°C                                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                               | Surface Mount, MLCC                                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                             |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                             | 36 Weeks                                                              | Lead Style                       | -                                                                                         |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                     | Features                         | -                                                                                         |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                     | Detailed Description             | 12pF ±2% 50V Ceramic Capacitor C0G, NP0 0402 (1005 Metric)                                |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12pF                                                                  | Applications                     | General Purpose                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                      |                     |
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|  | Part#: <a href="#">CC0402GRNPO9BN220</a><br>Description: CAP CER 22PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN100</a><br>Description: CAP CER 10PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN181</a><br>Description: CAP CER 180PF 50V NPO 0402     | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN221</a><br>Description: CAP CER 220PF 50V NPO 0402     | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO8BN100</a><br>Description: CAP CER 10PF 25V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN180</a><br>Description: CAP CER 18PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN150</a><br>Description: CAP CER 15PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402FRNPO9BN470</a><br>Description: CAP CER 47PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402FRNPO9BN560</a><br>Description: CAP CER 56PF 50V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN240</a><br>Description: CAP CER 24PF 50V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402FRNPO9BN820</a><br>Description: CAP CER 82PF 50V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN200</a><br>Description: CAP CER 20PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO8BN180</a><br>Description: CAP CER 18PF 25V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN151</a><br>Description: CAP CER 150PF 50V NPO 0402     | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN270</a><br>Description: CAP CER 27PF 50V C0G/NPO 0402  | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO7BN271</a><br>Description: CAP CER 270PF 16V NPO 0402     | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO8BN150</a><br>Description: CAP CER 15PF 25V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN121</a><br>Description: CAP CER 120PF 50V NPO 0402     | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402GRNPO9BN101</a><br>Description: CAP CER 100PF 50V C0G/NPO 0402 | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CC0402FRNPO9BN680</a><br>Description: CAP CER 68PF 50V NPO 0402      | Manufacturers: <a href="#">Yageo</a> | <a href="#">RFQ</a> |

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