

C1608C0G1H331J080AA



**Part Number:** C1608C0G1H331J080AA

**Manufacturer:** TDK Corporation

**Description:** CAP CER 330PF 50V C0G 0603

**Data sheet:**  C Series, General Datasheet  
 C1608C0G1H331J080AA Character Sheet  
 C Series, Gen Appl & Mid-Voltage Spec  
 MLCC Part Number Guide

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

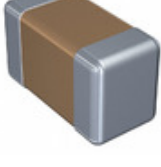
**Ship From:** Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                     |                                  |                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C1608C0G1H331J080AA                                                                                                                 | Manufacturer                     | TDK Corporation                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 330PF 50V C0G 0603                                                                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 3829500 pcs                                                                                                                         | Data sheet                       | C Series, General Datasheet<br>C1608C0G1H331J080AA Character Sheet<br>C Series, Gen Appl & Mid-Voltage Spec<br>MLCC Part Number Guide |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | Capacitors                                                                                                                          | 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                                                                                                                                                                                                                                                                                                                                                                                                             | C                                                                                                                                   | Ratings                          | -                                                                                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                                                                                                                    | Package / Case                   | 0603 (1608 Metric)                                                                                                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                        | 445-1287-2<br>C1608C0G1H331J<br>C1608C0G1H331J-ND<br>C1608C0G1H331JT<br>C1608C0G1H331JT-ND<br>C1608C0G1H331JT000N<br>C1608C0G1H331J | 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                                                                                                                                                                                                                                                                                                                                                                                                           | Low ESL                                                                                                                             | Failure Rate                     | -                                                                                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                               | 330pF ±5% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric)                                                                         | Capacitance                      | 330pF                                                                                                                                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                                                                                                     |                                  |                                                                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                        |                                |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------|-----|
|  | Part#: C1608C0G1H332K080AA<br>Description: CAP CER 3300PF 50V C0G 0603 | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H390J/10<br>Description: CAP CER 39PF 50V C0G 0603     | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H330F080AA<br>Description: CAP CER 33PF 50V C0G 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H390J080AA<br>Description: CAP CER 39PF 50V C0G 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H330G080AA<br>Description: CAP CER 33PF 50V C0G 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H301J<br>Description: CAP CER 300PF 50V C0G 0603       | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H331J/10<br>Description: CAP CER 330PF 50V C0G 0603    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H332J080AA<br>Description: CAP CER 3300PF 50V C0G 0603 | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H2R7C<br>Description: CAP CER 2.7PF 50V C0G 0603       | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H331G080AA<br>Description: CAP CER 330PF 50V C0G 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H330J080AA<br>Description: CAP CER 33PF 50V C0G 0603   | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H331F080AA<br>Description: CAP CER 330PF 50V C0G 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H360J<br>Description: CAP CER 36PF 50V C0G 0603        | Manufacturers: TDK Corporation | RFQ |
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|  | Part#: C1608C0G1H331K080AA<br>Description: CAP CER 330PF 50V C0G 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H391J/10<br>Description: CAP CER 390PF 50V C0G 0603    | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H361J<br>Description: CAP CER 360PF 50V C0G 0603       | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H391J080AA<br>Description: CAP CER 390PF 50V C0G 0603  | Manufacturers: TDK Corporation | RFQ |
|  | Part#: C1608C0G1H300J<br>Description: CAP CER 30PF 50V C0G 0603        | Manufacturers: TDK Corporation | RFQ |
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