

C0603C0G1E470K030BA





**Part Number:** [C0603C0G1E470K030BA](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 47PF 25V C0G 0201

**Data sheet:**  [C Series, General Datasheet](#)  
 [C Series, Gen Appl & Mid-Voltage Spec](#)  
 [MLCC Part Number Guide](#)  
 [C0603C0G1E470K030BA Character Sheet](#)

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

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                       |                                  |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C0603C0G1E470K030BA                   | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 47PF 25V C0G 0201             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4493860 pcs                           | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">MLCC Part Number Guide</a><br><a href="#">C0603C0G1E470K030BA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>            | Voltage Rating - AC              | -                                                                                                                                                                                                         |
| Voltage - Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25V                                   | Tolerance                        | 47pF                                                                                                                                                                                                      |
| Thickness (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | C0G, NP0                              | Surface Mount Land Size          | -                                                                                                                                                                                                         |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.024" L x 0.012" W (0.60mm x 0.30mm) | Series                           | C                                                                                                                                                                                                         |
| RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                      | Ripple Current - Low Frequency   | General Purpose                                                                                                                                                                                           |
| Ratings                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                     | Polarization                     | 0201 (0603 Metric)                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-13622-2<br>C0603C0G1E470KT00NN    | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                             |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | C0603C0G1E470K030BA                   | Lead Style                       | 0.013" (0.33mm)                                                                                                                                                                                           |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                     | Features                         | Low ESL                                                                                                                                                                                                   |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                     | Expanded Description             | 47pF ±10% 25V Ceramic Capacitor C0G, NP0 0201 (0603 Metric)                                                                                                                                               |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                                | ±10%                                  | Description                      | CAP CER 47PF 25V C0G 0201                                                                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 4493860 pieces of TDK Corporation C0603C0G1E470K030BA 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                                                                   |                                                                                       |                                                |                     |
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|  | Part#: <a href="#">C0603C0G1E4R3C030BG</a><br>Description: CAP CER 4.3PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E3R9C030BG</a><br>Description: CAP CER 3.9PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E4R3C</a><br>Description: CAP CER 4.3PF 25V C0G 0201      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E4R2B030BG</a><br>Description: CAP CER 4.2PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E3R9C</a><br>Description: CAP CER 3.9PF 25V C0G 0201      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E470J030BA</a><br>Description: CAP CER 47PF 25V C0G 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E4R2C030BG</a><br>Description: CAP CER 4.2PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E4R3B</a><br>Description: CAP CER 4.3PF 25V C0G 0201      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E3R8B030BG</a><br>Description: CAP CER 3.8PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0603C0G1E4R4B030BG</a><br>Description: CAP CER 4.4PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E430J</a><br>Description: CAP CER 43PF 25V C0G 0201       | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E430G</a><br>Description: CAP CER 43PF 25V C0G 0201       | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E4R3B030BG</a><br>Description: CAP CER 4.3PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E470G</a><br>Description: CAP CER 47PF 25V C0G 0201       | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E4R4C030BG</a><br>Description: CAP CER 4.4PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603C0G1E3R8C030BG</a><br>Description: CAP CER 3.8PF 25V C0G 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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