

C0603X5R1E221K030BA





Part Number: [C0603X5R1E221K030BA](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 220PF 25V X5R 0201

Data sheet: [PDF C Series, General Datasheet](#)  
[PDF C Series, Gen Appl & Mid-Voltage Spec](#)  
[PDF MLCC Part Number Guide](#)  
[PDF C0603X5R1E221K030BA Character Sheet](#)

RoHs Status: Lead free / RoHS Compliant

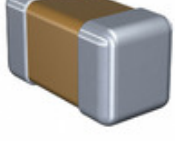
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                     |                                  |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C0603X5R1E221K030BA                                 | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 220PF 25V X5R 0201                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4834410 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="#">C0603X5R1E221K030BA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                          | Voltage Rating - AC              | -                                                                                                                                                                                                         |
| Voltage - Rated                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25V                                                 | Tolerance                        | 220pF                                                                                                                                                                                                     |
| Thickness (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | X5R                                                 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-4687-2<br>C0603X5R1E221K<br>C0603X5R1E221KT00NN | Operating Temperature            | -55°C ~ 85°C                                                                                                                                                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                 | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                             |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | C0603X5R1E221K030BA                                 | Lead Style                       | 0.013" (0.33mm)                                                                                                                                                                                           |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                   | Features                         | Low ESL                                                                                                                                                                                                   |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                   | Expanded Description             | 220pF ±10% 25V Ceramic Capacitor X5R 0201 (0603 Metric)                                                                                                                                                   |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                                | ±10%                                                | Description                      | CAP CER 220PF 25V X5R 0201                                                                                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                |                     |
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|  | Part#: <a href="#">C0603X5R1E331K030BA</a><br>Description: CAP CER 330PF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E332K030BA</a><br>Description: CAP CER 3300PF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E222M030BA</a><br>Description: CAP CER 2200PF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E222K030BA</a><br>Description: CAP CER 2200PF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E151K030BA</a><br>Description: CAP CER 150PF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E223K030BB</a><br>Description: CAP CER 0.022UF 25V X5R 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E224K030BC</a><br>Description: CAP CER 0.22UF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E104M030BB</a><br>Description: CAP CER 0.1UF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">C0603X5R1E331M030BA</a><br>Description: CAP CER 330PF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E154K030BC</a><br>Description: CAP CER 0.15UF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E223M030BB</a><br>Description: CAP CER 0.022UF 25V X5R 0201 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E221M030BA</a><br>Description: CAP CER 220PF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E154M030BC</a><br>Description: CAP CER 0.15UF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E224M030BC</a><br>Description: CAP CER 0.22UF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E152K030BA</a><br>Description: CAP CER 1500PF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E104K030BB</a><br>Description: CAP CER 0.1UF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E151M030BA</a><br>Description: CAP CER 150PF 25V X5R 0201   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E102K030BA</a><br>Description: CAP CER 1000PF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C0603X5R1E102M030BA</a><br>Description: CAP CER 1000PF 25V X5R 0201  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

| Related keywords for C0603X5R1E221K030BA |                                 |                              |                           |
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