

C0402X7R1A331M020BC



Part Number: C0402X7R1A331M020BC

Manufacturer: TDK Corporation

Description: CAP CER 330PF 10V X7R 01005

Data sheet:  C Series, General Datasheet  
 C Series, Gen Appl & Mid-Voltage Spec  
 C0402X7R1A331M020BC Character Sheet  
 MLCC Part Number Guide

RoHs Status: Lead free / RoHS Compliant

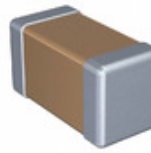
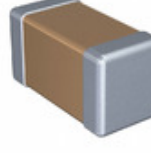
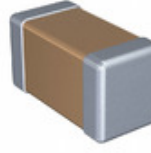
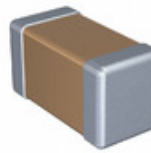
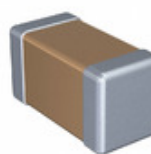
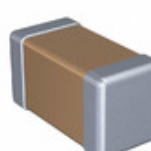
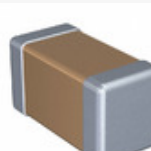
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |                                  |                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | C0402X7R1A331M020BC                                      | Manufacturer                     | TDK Corporation                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                        | CAP CER 330PF 10V X7R 01005                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                 | 1286026 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="#">C0402X7R1A331M020BC Character Sheet</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Capacitors</a>                               | Voltage - Rated                  | 10V                                                                                                                                                                                                       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                          | ±20%                                                     | Thickness (Max)                  | 0.009" (0.22mm)                                                                                                                                                                                           |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                            | X7R                                                      | Size / Dimension                 | 0.016" L x 0.008" W (0.40mm x 0.20mm)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                             | C                                                        | Ratings                          | -                                                                                                                                                                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                                         | Package / Case                   | 01005 (0402 Metric)                                                                                                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                        | 445-13580-2<br>C0402X7R1A331MT00NN                       | 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 ±20% 10V Ceramic Capacitor X7R 01005 (0402 Metric) | Capacitance                      | 330pF                                                                                                                                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                       | General Purpose                                          |                                  |                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                   |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
|  | Part#: <a href="#">C0402X7R1A221K020BC</a><br>Description: CAP CER 220PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0403.21.03</a><br>Description: CABLE 2COND 18AWG RED 1000'          | Manufacturers: <a href="#">General Cable</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A221M020BC</a><br>Description: CAP CER 220PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A151M020BC</a><br>Description: CAP CER 150PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A471M020BC</a><br>Description: CAP CER 470PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A152M020BC</a><br>Description: CAP CER 1500PF 10V X7R 01005 | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A471K020BC</a><br>Description: CAP CER 470PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A681K020BC</a><br>Description: CAP CER 680PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0410</a><br>Description: SWITCH CHASSIS PB F SERIES                 | Manufacturers: <a href="#">C&amp;K</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A331K020BC</a><br>Description: CAP CER 330PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A101M020BC</a><br>Description: CAP CER 100PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A681M020BC</a><br>Description: CAP CER 680PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0412.5</a><br>Description: SWITCH CHASSIS PB F SERIES               | Manufacturers: <a href="#">C&amp;K</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A151K020BC</a><br>Description: CAP CER 150PF 10V X7R 01005  | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A152K020BC</a><br>Description: CAP CER 1500PF 10V X7R 01005 | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0415</a><br>Description: SWITCH CHASSIS PB F SERIES                 | Manufacturers: <a href="#">C&amp;K</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">C0409J5003AHF</a><br>Description: RF DIR COUPLER 400-900MHZ 0805     | Manufacturers: <a href="#">Anaren</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A102K020BC</a><br>Description: CAP CER 1000PF 10V X7R 01005 | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">C0403A</a><br>Description: SOLENOID COLOR/SORT SOL3131               | Manufacturers: <a href="#">Pontiac Coil, Inc.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C0402X7R1A102M020BC</a><br>Description: CAP CER 1000PF 10V X7R 01005 | Manufacturers: <a href="#">TDK Corporation</a>    | <div>RFQ</div> |

Related keywords for C0402X7R1A331M020BC

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