

C1005X7R1H102K/50



Part Number: [C1005X7R1H102K/50](#)

Manufacturer: [TDK Corporation](#)

Description: CAP CER 1000PF 50V X7R 0402

Data sheet:  [C Series, General](#)  
 [MLCC Part Number Guide](#)

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |                                  |                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                     | C1005X7R1H102K/50                                               | Manufacturer                     | <a href="#">TDK Corporation</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CAP CER 1000PF 50V X7R 0402                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7425315 pcs                                                     | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Capacitors</a>                                      | Voltage - Rated                  | 50V                                                                         |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ±10%                                                            | Thickness (Max)                  | 0.022" (0.55mm)                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                         | X7R                                                             | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                          | C                                                               | Ratings                          | -                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                                                | Package / Case                   | 0402 (1005 Metric)                                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                     | C1005X7R1H102KT/50<br>C1005X7R1H102KT50<br>C1005X7R1H102KT50-ND | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                               | Failure Rate                     | -                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1000pF ±10% 50V Ceramic Capacitor X7R 0402 (1005 Metric)        | Capacitance                      | 1000pF                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                    | General Purpose                                                 |                                  |                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TDK Corporation series electronic components. We have 7425315 pieces of TDK Corporation C1005X7R1H102K/50 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                                                                   |                                                                                         |                                                |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">C1005X7R1H103K050BE</a><br>Description: CAP CER 10000PF 50V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E473M050BC</a><br>Description: CAP CER 0.047UF 25V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H103K050BB</a><br>Description: CAP CER 10000PF 50V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E473K050BC</a><br>Description: CAP CER 0.047UF 25V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H102K050BA</a><br>Description: CAP CER 1000PF 50V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E333M</a><br>Description: CAP CER 0.033UF 25V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H104K050BE</a><br>Description: CAP CER 0.1UF 50V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E472K/50</a><br>Description: CAP CER 4700PF 25V X7R 0402    | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H103M050BB</a><br>Description: CAP CER 10000PF 50V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E472M</a><br>Description: CAP CER 4700PF 25V X7R 0402       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H102M050BA</a><br>Description: CAP CER 1000PF 50V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E683K050BB</a><br>Description: CAP CER 0.068UF 25V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H102K050BE</a><br>Description: CAP CER 1000PF 50V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H104K050BB</a><br>Description: CAP CER 0.1UF 50V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1H103M050BE</a><br>Description: CAP CER 10000PF 50V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E682K</a><br>Description: CAP CER 6800PF 25V X7R 0402       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E472K</a><br>Description: CAP CER 4700PF 25V X7R 0402       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005X7R1E683M050BB</a><br>Description: CAP CER 0.068UF 25V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

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