

C1005X7R1E103K/50



Part Number: C1005X7R1E103K/50

Manufacturer: TDK Corporation

Description: CAP CER 10000PF 25V 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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |                                  |                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                     | C1005X7R1E103K/50                                               | Manufacturer                     | <a href="#">TDK Corporation</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CAP CER 10000PF 25V X7R 0402                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8394224 pcs                                                     | Data sheet                       | <a href="#">C Series, General</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Capacitors</a>                                      | Voltage - Rated                  | 25V                                                                         |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                     | C1005X7R1E103KT/50<br>C1005X7R1E103KT50<br>C1005X7R1E103KT50-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                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10000pF ±10% 25V Ceramic Capacitor X7R 0402 (1005 Metric)       | Capacitance                      | 10000pF                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                    | General Purpose                                                 |                                  |                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                |                |
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|  | Part#: <a href="#">C1005X7R1E153M</a><br>Description: CAP CER 0.015UF 25V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E102K050BA</a><br>Description: CAP CER 1000PF 25V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E154M050BB</a><br>Description: CAP CER 0.15UF 25V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E152K</a><br>Description: CAP CER 1500PF 25V X7R 0402       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005X7R1E104K050BB</a><br>Description: CAP CER 0.1UF 25V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C1005X7R1C333M</a><br>Description: CAP CER 0.033UF 16V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C473K/50</a><br>Description: CAP CER 0.047UF 16V X7R 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E152M</a><br>Description: CAP CER 1500PF 25V X7R 0402       | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E153K</a><br>Description: CAP CER 0.015UF 25V X7R 0402      | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1E154K050BB</a><br>Description: CAP CER 0.15UF 25V X7R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C683M050BC</a><br>Description: CAP CER 0.068UF 16V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X7R1C473K050BC</a><br>Description: CAP CER 0.047UF 16V X7R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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