

C1005X6S1E104K050BB



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Part Number: C1005X6S1E104K050BB

Manufacturer: TDK Corporation

Description: CAP CER 0.1UF 25V X6S 0402

Data sheet:  [C Series, General Datasheet](#)  
 [C1005X6S1E104K050BB Character Sheet](#)  
 [C Series, Gen Appl & Mid-Voltage Spec](#)  
 [MLCC Part Number Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |                                  |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C1005X6S1E104K050BB                                     | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.1UF 25V X6S 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3524857 pcs                                             | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C1005X6S1E104K050BB Character Sheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</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                                                                                                                                                                                                                                                                                                                                                                                                                                           | X6S                                                     | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-7360-2<br>C1005X6S1E104K<br>C1005X6S1E104KT000F     | Operating Temperature            | -55°C ~ 105°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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.1µF ±10% 25V Ceramic Capacitor X6S 0402 (1005 Metric) | Capacitance                      | 0.1µF                                                                                                                                                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                         |                                  |                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------|----------------|
|  | Part#: <a href="#">C1005X6S1E154M050BC</a><br>Description: CAP CER 0.15UF 25V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C474K050BC</a><br>Description: CAP CER 0.47UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C334K050BC</a><br>Description: CAP CER 0.33UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1E683K050BC</a><br>Description: CAP CER 0.068UF 25V X6S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C224M050BB</a><br>Description: CAP CER 0.22UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C684M050BC</a><br>Description: CAP CER 0.68UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C684K050BC</a><br>Description: CAP CER 0.68UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1E104M050BB</a><br>Description: CAP CER 0.1UF 25V X6S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1H103K050BB</a><br>Description: CAP CER 10000PF 50V X6S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C225K050BC</a><br>Description: CAP CER 2.2UF 16V X6S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1E154K050BC</a><br>Description: CAP CER 0.15UF 25V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1E224K050BC</a><br>Description: CAP CER 0.22UF 25V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C224K050BB</a><br>Description: CAP CER 0.22UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C334M050BC</a><br>Description: CAP CER 0.33UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1H104K050BB</a><br>Description: CAP CER 0.1UF 50V X6S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C225M050BC</a><br>Description: CAP CER 2.2UF 16V X6S 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1C474M050BC</a><br>Description: CAP CER 0.47UF 16V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1E224M050BC</a><br>Description: CAP CER 0.22UF 25V X6S 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1E683M050BC</a><br>Description: CAP CER 0.068UF 25V X6S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C1005X6S1H103M050BB</a><br>Description: CAP CER 10000PF 50V X6S 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |

| Related keywords for C1005X6S1E104K050BB |                                 |                              |                           |
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