

C1005JB1C223M050BA



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**Part Number:** [C1005JB1C223M050BA](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 0.022UF 16V JB 0402

**Data sheet:**  [C Series, General Datasheet](#)  
 [C Series, Gen Appl & Mid-Voltage Spec](#)  
 [MLCC Part Number Guide](#)  
 [C1005JB1C223M050BA Character Sheet](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                      | C1005JB1C223M050BA                                       | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAP CER 0.022UF 16V JB 0402                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4655421 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="#">C1005JB1C223M050BA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Capacitors</a>                               | Voltage - Rated                  | 16V                                                                                                                                                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±20%                                                     | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                                                                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                          | JB                                                       | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                                                                                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C                                                        | Ratings                          | -                                                                                                                                                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Original-Reel®                                           | Package / Case                   | 0402 (1005 Metric)                                                                                                                                                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 445-10931-6                                              | Operating Temperature            | -25°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.022µF ±20% 16V Ceramic Capacitor JB 0402 (1005 Metric) | Capacitance                      | 0.022µF                                                                                                                                                                                                  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Purpose                                          |                                  |                                                                                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">C1005JB1C224K050BB</a><br>Description: CAP CER 0.22UF 16V JB 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C333M050BA</a><br>Description: CAP CER 0.033UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C104M050BA</a><br>Description: CAP CER 0.1UF 16V JB 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C154M050BB</a><br>Description: CAP CER 0.15UF 16V JB 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C224M050BB</a><br>Description: CAP CER 0.22UF 16V JB 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C153M050BA</a><br>Description: CAP CER 0.015UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C334K050BC</a><br>Description: CAP CER 0.33UF 16V JB 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C225K050BC</a><br>Description: CAP CER 2.2UF 16V JB 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C105K050BC</a><br>Description: CAP CER 1UF 16V JB 0402     | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C223K050BA</a><br>Description: CAP CER 0.022UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C334M050BC</a><br>Description: CAP CER 0.33UF 16V JB 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C473K050BA</a><br>Description: CAP CER 0.047UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C473M050BA</a><br>Description: CAP CER 0.047UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C225M050BC</a><br>Description: CAP CER 2.2UF 16V JB 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C333K050BA</a><br>Description: CAP CER 0.033UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C155K050BC</a><br>Description: CAP CER 1.5UF 16V JB 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C155M050BC</a><br>Description: CAP CER 1.5UF 16V JB 0402   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C154K050BB</a><br>Description: CAP CER 0.15UF 16V JB 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C153K050BA</a><br>Description: CAP CER 0.015UF 16V JB 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005JB1C105M050BC</a><br>Description: CAP CER 1UF 16V JB 0402     | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

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| Related keywords for <b>C1005JB1C223M050BA</b> |                                |                             |                          |
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