

C1005X8R1H222K050BA





**Part Number:** [C1005X8R1H222K050BA](#)

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

**Description:** CAP CER 2200PF 50V X8R 0402

**Data sheet:**  [C Series, High Temp Appl Spec](#)  
 [C Series, High Temp Appl DataSheet](#)  
 [C1005X8R1H222K050BA Character Sheet](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                        |                                  |                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C1005X8R1H222K050BA                                                    | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 2200PF 50V X8R 0402                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1788563 pcs                                                            | Data sheet                       | <a href="#">C Series, High Temp Appl Spec</a><br><a href="#">C Series, High Temp Appl DataSheet</a><br><a href="#">C1005X8R1H222K050BA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                                             | Voltage - Rated                  | 50V                                                                                                                                                        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                                   | Thickness (Max)                  | 0.022" (0.55mm)                                                                                                                                            |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X8R                                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-2498-2<br>C1005X8R1H222K<br>C1005X8R1H222KT<br>C1005X8R1H222KT000M | Operating Temperature            | -55°C ~ 150°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                                                                                                                                                                                                                                                                                                                                                                                                                                                          | High Temperature                                                       | Failure Rate                     | -                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2200pF ±10% 50V Ceramic Capacitor X8R 0402 (1005 Metric)               | Capacitance                      | 2200pF                                                                                                                                                     |
| 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 1788563 pieces of TDK Corporation C1005X8R1H222K050BA 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="#">C1005X8R1H331K050BE</a><br>Description: CAP CER 330PF 50V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H221K050BA</a><br>Description: CAP CER 220PF 50V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H332K050BA</a><br>Description: CAP CER 3300PF 50V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H222M050BE</a><br>Description: CAP CER 2200PF 50V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H152K050BE</a><br>Description: CAP CER 1500PF 50V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H331K050BA</a><br>Description: CAP CER 330PF 50V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H222M050BA</a><br>Description: CAP CER 2200PF 50V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H152K050BA</a><br>Description: CAP CER 1500PF 50V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H221K050BE</a><br>Description: CAP CER 220PF 50V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H222K050BE</a><br>Description: CAP CER 2200PF 50V X8R 0402 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">C1005X8R1H151M050BE</a><br>Description: CAP CER 150PF 50V X8R 0402  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
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| Related keywords for <b>C1005X8R1H222K050BA</b> |                                 |                              |                           |
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