

1206Y2K00681KXT





**Part Number:** 1206Y2K00681KXT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 680PF 2KV X7R 1206

**Data sheet:**  [MLCC Capacitor Datasheet](#)  
 [MLCC Catalog](#)

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

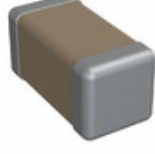
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1206Y2K00681KXT            | Manufacturer                     | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 680PF 2KV X7R 1206 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 197417 pcs                 | Data sheet                       | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a> | Voltage - Rated                  | 2000V (2kV)                                                              |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±10%                       | Thickness (Max)                  | 0.063" (1.60mm)                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | X7R (2R1)                  | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                  | Ratings                          | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cut Tape (CT)              | Package / Case                   | 1206 (3216 Metric)                                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1608-1408-1                | Operating Temperature            | -55°C ~ 125°C                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Surface Mount, MLCC        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                          | 8 Weeks                    | Lead Style                       | -                                                                        |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                          | Features                         | Soft Termination                                                         |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                          | Detailed Description             | 680pF ±10% 2000V (2kV) Ceramic Capacitor X7R (2R1) 1206 (3216 Metric)    |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                              | 680pF                      | Applications                     | Boardflex Sensitive                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                              |                     |
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|  | Part#: <a href="#">1206Y2K00820JCT</a><br>Description: CAP CER 82PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00820FCT</a><br>Description: CAP CER 82PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00820KCT</a><br>Description: CAP CER 82PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00680GCT</a><br>Description: CAP CER 1206                  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00681JXR</a><br>Description: CAP CER 680PF 2KV X7R 1206    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00680GCR</a><br>Description: CAP CER 68PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1206Y2K00680JCR</a><br>Description: CAP CER 68PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1206Y2K00680KCR</a><br>Description: CAP CER 68PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00820GCT</a><br>Description: CAP CER 1206                  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00681MXR</a><br>Description: CAP CER 680PF 2KV X7R 1206    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00680KCT</a><br>Description: CAP CER 68PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00681KXR</a><br>Description: CAP CER 680PF 2KV X7R 1206    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00820GCR</a><br>Description: CAP CER 82PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206Y2K00680FCT</a><br>Description: CAP CER 68PF 2KV C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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