

1808Y2K50102KXT





**Part Number:** 1808Y2K50102KXT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 1000PF 2.5KV X7R 1808

**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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1808Y2K50102KXT                                                          | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 1000PF 2.5KV X7R 1808                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 142482 pcs                                                               | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                               | Voltage - Rated                 | 2500V (2.5kV)                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±10%                                                                     | Thickness (Max)                 | 0.079" (2.00mm)                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | X7R (2R1)                                                                | Size / Dimension                | 0.177" L x 0.079" W (4.50mm x 2.00mm)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                                                | Ratings                         | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                         | Package / Case                  | 1808 (4520 Metric)                                                       |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1000pF ±10% 2500V (2.5kV) Ceramic Capacitor X7R (2R1) 1808 (4520 Metric) | Capacitance                     | 1000pF                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | Boardflex Sensitive                                                      |                                 |                                                                          |
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|  | Part#: <a href="#">1808Y2K50120GCR</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50101KXT</a><br>Description: CAP CER 100PF 2.5KV X7R 1808     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50101MXT</a><br>Description: CAP CER 100PF 2.5KV X7R 1808     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1808Y2K50102JXR</a><br>Description: CAP CER 1000PF 2.5KV X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1808Y2K50120GCT</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50101KXR</a><br>Description: CAP CER 100PF 2.5KV X7R 1808     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50120JCT</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50120KCT</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50120JCR</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50101MXR</a><br>Description: CAP CER 100PF 2.5KV X7R 1808     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50101KCT</a><br>Description: CAP CER 100PF 2.5KV C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50102MXR</a><br>Description: CAP CER 1000PF 2.5KV X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808Y2K50120FCT</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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