

1812J1K50102KXT





**Part Number:** 1812J1K50102KXT

**Manufacturer** Knowles Syfer

**Description** CAP CER 1000PF 1.5KV X7R 1812

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

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

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                                          |                                 |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                      | 1812J1K50102KXT                                                          | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                      | CAP CER 1000PF 1.5KV X7R 1812                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available               | 70412 pcs                                                                | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                         | <a href="#">Capacitors</a>                                               | Voltage - Rated                 | 1500V (1.5kV)                                                            |
| Tolerance                        | ±10%                                                                     | Thickness (Max)                 | 0.098" (2.50mm)                                                          |
| Temperature Coefficient          | X7R (2R1)                                                                | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)                                    |
| Series                           | -                                                                        | Ratings                         | -                                                                        |
| Packaging                        | Tape & Reel (TR)                                                         | Package / Case                  | 1812 (4532 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                         | -                                                                        | Failure Rate                    | -                                                                        |
| Detailed Description             | 1000pF ±10% 1500V (1.5kV) Ceramic Capacitor X7R (2R1) 1812 (4532 Metric) | Capacitance                     | 1000pF                                                                   |
| Applications                     | General Purpose                                                          |                                 |                                                                          |

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|  | Part#: <a href="#">1812J1K50103KXT</a><br>Description: CAP CER 10000PF 1.5KV X7R 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J1K50102GCR</a><br>Description: CAP CER 1000PF 1.5KV C0G 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J1K50102JCT</a><br>Description: CAP CER 1000PF 1.5KV C0G 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J1K50103MXR</a><br>Description: CAP CER 10000PF 1.5KV X7R 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J1K50103KXR</a><br>Description: CAP CER 10000PF 1.5KV X7R 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J1K50102MXR</a><br>Description: CAP CER 1000PF 1.5KV X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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