

1206J1K00181KDT





**Part Number:** 1206J1K00181KDT

**Manufacturer** Knowles Syfer

**Description** CAP CER 180PF 1KV X7R 1206

**Data sheet:**  [MLCC High Reliability Datasheet](#)

**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                      | 1206J1K00181KDT                                                 | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                      | CAP CER 180PF 1KV X7R 1206                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available               | 184580 pcs                                                      | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                         | <a href="#">Capacitors</a>                                      | Voltage - Rated                 | 1000V (1kV)                                     |
| Tolerance                        | ±10%                                                            | Thickness (Max)                 | 0.063" (1.60mm)                                 |
| Temperature Coefficient          | X7R                                                             | Size / Dimension                | 0.126" L x 0.063" W (3.20mm x 1.60mm)           |
| Series                           | -                                                               | Ratings                         | -                                               |
| Packaging                        | Tape & Reel (TR)                                                | Package / Case                  | 1206 (3216 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                         | High Temperature                                                | Failure Rate                    | -                                               |
| Detailed Description             | 180pF ±10% 1000V (1kV) Ceramic Capacitor X7R 1206 (3216 Metric) | Capacitance                     | 180pF                                           |
| Applications                     | High Reliability                                                |                                 |                                                 |

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|  | Part#: <a href="#">1206J1K00182JDR</a><br>Description: CAP CER 1800PF 1KV X7R 1206      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1206J1K00181MDR</a><br>Description: CAP CER 180PF 1KV X7R 1206       | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1206J1K00181MXT</a><br>Description: CAP CER 180PF 1KV X7R 1206       | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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