

1812J0160105KDT





**Part Number:** 1812J0160105KDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 1UF 16V X7R 1812

**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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| PRODUCT PARAMETER                |                                                       |                                 |                                                 |
|----------------------------------|-------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                      | 1812J0160105KDT                                       | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                      | CAP CER 1UF 16V X7R 1812                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available               | 66357 pcs                                             | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                         | <a href="#">Capacitors</a>                            | Voltage - Rated                 | 16V                                             |
| Tolerance                        | ±10%                                                  | Thickness (Max)                 | 0.098" (2.50mm)                                 |
| Temperature Coefficient          | X7R                                                   | 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                         | High Temperature                                      | Failure Rate                    | -                                               |
| Detailed Description             | 1µF ±10% 16V Ceramic Capacitor X7R 1812 (4532 Metric) | Capacitance                     | 1µF                                             |
| Applications                     | High Reliability                                      |                                 |                                                 |

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|  | Part#: <a href="#">1812J0160104KXT</a><br>Description: CAP CER 0.1UF 16V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0160105KXT</a><br>Description: CAP CER 1UF 16V X7R 1812      | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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