

1812Y1K00101GCT





**Part Number:** 1812Y1K00101GCT

**Manufacturer** Knowles Syfer

**Description** CAP CER 100PF 1KV C0G/NP0 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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                     |                                 |                                                                          |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|-------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1812Y1K00101GCT                                                     | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CAP CER 100PF 1KV C0G/NP0 1812                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 89282 pcs                                                           | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Capacitors</a>                                          | Voltage - Rated                 | 1000V (1kV)                                                              |       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±2%                                                                 | Thickness (Max)                 | 0.098" (2.50mm)                                                          |       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                    | C0G, NP0                                                            | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)                                    |       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FlexiCap™                                                           | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Soft Termination                                                    | Failure Rate                    | -                                                                        |       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 100pF ±2% 1000V (1kV) Ceramic Capacitor C0G, NP0 1812 (4532 Metric) |                                 | Capacitance                                                              | 100pF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Boardflex Sensitive                                                 |                                 |                                                                          |       |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                     |
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|  | Part#: <a href="#">1812Y1K00101GFR</a><br>Description: CAP CER 100PF 1KV C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812Y1K00101GCR</a><br>Description: CAP CER 100PF 1KV C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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