

0805Y0500102GCT





**Part Number:** 0805Y0500102GCT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 1000PF 50V C0G/NP0 0805

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

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

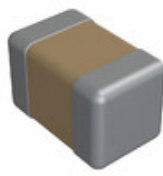
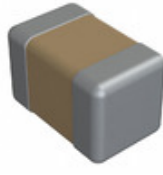
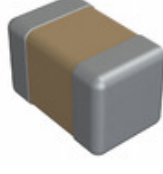
**Ship From:** Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                   |                                 |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0805Y0500102GCT                                                   | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 1000PF 50V C0G/NP0 0805                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 213118 pcs                                                        | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                        | Voltage - Rated                 | 50V                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±2%                                                               | Thickness (Max)                 | 0.051" (1.30mm)                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0G, NP0 (1B)                                                     | Size / Dimension                | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                                         | Ratings                         | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                  | Package / Case                  | 0805 (2012 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 ±2% 50V Ceramic Capacitor C0G, NP0 (1B) 0805 (2012 Metric) | Capacitance                     | 1000pF                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | Boardflex Sensitive                                               |                                 |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">0805Y0500102GFR</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102GCR</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102GFT</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102GAR</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102FAR</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805Y0500102FFR</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805Y0500102JAR</a><br>Description: CAP CER 0805                    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102FAT</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102JDT</a><br>Description: CAP CER 1000PF 50V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102JER</a><br>Description: CAP CER 1000PF 50V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102FFT</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102JCR</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102JDR</a><br>Description: CAP CER 1000PF 50V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102GAT</a><br>Description: CAP CER 1000PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500102JET</a><br>Description: CAP CER 1000PF 50V X7R 0805     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0500101MXT</a><br>Description: CAP CER 100PF 50V X7R 0805      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

| Related keywords for 0805Y0500102GCT |                             |                          |                       |
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