

0805Y2500160FUT





**Part Number:** 0805Y2500160FUT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 16PF 250V C0G/NP0 0805

**Data sheet:**  [Ultra-low ESR, U Range](#)  
 [Chip Part Number Guide](#)

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

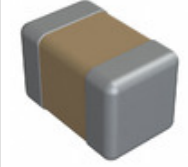
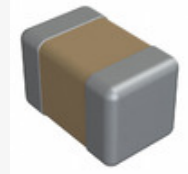
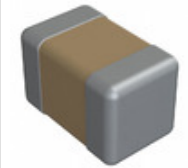
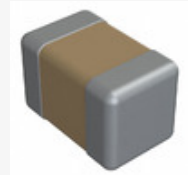
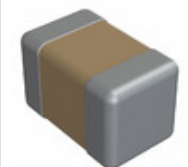
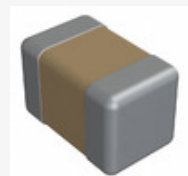
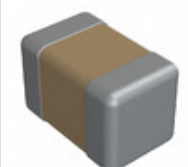
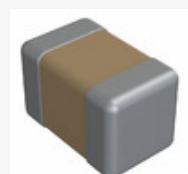
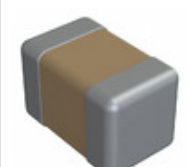
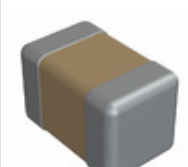
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0805Y2500160FUT                                                  | Manufacturer                    | <a href="#">Knowles Syfer</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 16PF 250V C0G/NP0 0805                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 55922 pcs                                                        | Data sheet                      | <a href="#">Ultra-low ESR, U Range</a><br><a href="#">Chip Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                       | Voltage - Rated                 | 250V                                                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±1%                                                              | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | High Q, Low Loss, Ultra Low ESR, Soft Termination                | Failure Rate                    | -                                                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16pF ±1% 250V Ceramic Capacitor C0G, NP0 (1B) 0805 (2012 Metric) | Capacitance                     | 16pF                                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | RF, Microwave, High Frequency, Boardflex Sensitive               |                                 |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                              |                     |
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|  | Part#: <a href="#">0805Y2500153MDR</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160JQT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160KUT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500161FUT</a><br>Description: CAP CER 160PF 250V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160JUT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153JXT</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153MXR</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500161GUT</a><br>Description: CAP CER 160PF 250V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160GQT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153KDT</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500161FQT</a><br>Description: CAP CER 160PF 250V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153KXR</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160GUT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160FQT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500160KQT</a><br>Description: CAP CER 16PF 250V C0G/NP0 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500161GQT</a><br>Description: CAP CER 160PF 250V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153MXT</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153MDT</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153KXT</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y2500153KDR</a><br>Description: CAP CER 0.015UF 250V X7R 0805   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

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