

0805Y0160181MDT





**Part Number:** 0805Y0160181MDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 180PF 16V X7R 0805

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

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

**Ship From:** Hong Kong

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

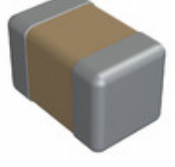
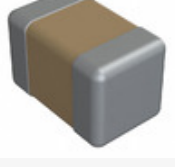
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                         |                                 |                                                 |
|----------------------------------|---------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                      | 0805Y0160181MDT                                         | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                      | CAP CER 180PF 16V X7R 0805                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available               | 277111 pcs                                              | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                         | <a href="#">Capacitors</a>                              | Voltage - Rated                 | 16V                                             |
| Tolerance                        | ±20%                                                    | Thickness (Max)                 | 0.051" (1.30mm)                                 |
| Temperature Coefficient          | X7R                                                     | 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, High Temperature                      | Failure Rate                    | -                                               |
| Detailed Description             | 180pF ±20% 16V Ceramic Capacitor X7R 0805 (2012 Metric) | Capacitance                     | 180pF                                           |
| Applications                     | High Reliability, Boardflex Sensitive                   |                                 |                                                 |

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