

0805Y0160823KDT





**Part Number:** 0805Y0160823KDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 0.082UF 16V X7R 0805

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

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

**Ship From:** Hong Kong

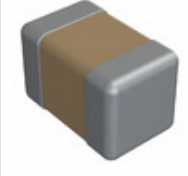
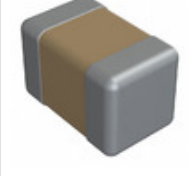
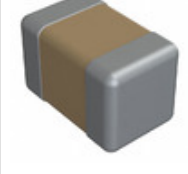
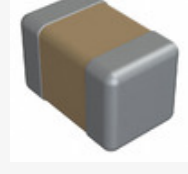
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Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                           |                                 |                                                 |
|----------------------------------|-----------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                      | 0805Y0160823KDT                                           | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                      | CAP CER 0.082UF 16V X7R 0805                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available               | 180573 pcs                                                | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                         | <a href="#">Capacitors</a>                                | Voltage - Rated                 | 16V                                             |
| Tolerance                        | ±10%                                                      | 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             | 0.082μF ±10% 16V Ceramic Capacitor X7R 0805 (2012 Metric) | Capacitance                     | 0.082μF                                         |
| Applications                     | High Reliability, Boardflex Sensitive                     |                                 |                                                 |

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|  | Part#: <a href="#">0805Y0160822MDR</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0161P00BCT</a><br>Description: CAP CER 1PF 16V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823KDR</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823MDT</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160822MDT</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805Y0160823JXT</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823MXR</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160822MXT</a><br>Description: CAP CER 8200PF 16V X7R 0805  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823JDT</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823JXR</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823MXT</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160822KXT</a><br>Description: CAP CER 0805                 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805Y0160823JDR</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y0160823MDR</a><br>Description: CAP CER 0.082UF 16V X7R 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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