

0603Y1000182MDT





**Part Number:** 0603Y1000182MDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 1800PF 100V X7R 0603

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

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

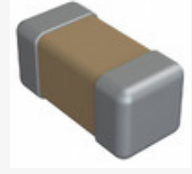
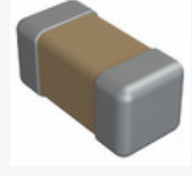
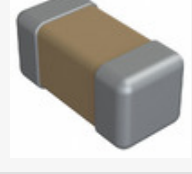
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0603Y1000182MDT                                           | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 1800PF 100V X7R 0603                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 284157 pcs                                                | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                | Voltage - Rated                 | 100V                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±20%                                                      | Thickness (Max)                 | 0.032" (0.80mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | X7R                                                       | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.80mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                                 | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                          | Package / Case                  | 0603 (1608 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1800pF ±20% 100V Ceramic Capacitor X7R 0603 (1608 Metric) | Capacitance                     | 1800pF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | High Reliability, Boardflex Sensitive                     |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                              |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">0603Y1000183MXR</a><br>Description: CAP CER 0.018UF 100V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182MXT</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000183JXR</a><br>Description: CAP CER 0.018UF 100V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182JXR</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182MET</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182KET</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182KDT</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182KXR</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182JXT</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000183KXT</a><br>Description: CAP CER 0.018UF 100V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182JET</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182MXR</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182KER</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000183MXT</a><br>Description: CAP CER 0.018UF 100V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000183JXT</a><br>Description: CAP CER 0.018UF 100V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182KXT</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182MER</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182MDR</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000183KXR</a><br>Description: CAP CER 0.018UF 100V X7R 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y1000182KDR</a><br>Description: CAP CER 1800PF 100V X7R 0603  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

| Related keywords for 0603Y1000182MDT |                             |                          |                       |
|--------------------------------------|-----------------------------|--------------------------|-----------------------|
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