

**0805Y0500682KDT**



**Part Number:** 0805Y0500682KDT  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 6800PF 50V 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**

|   |  |  |   |
|---|--|--|---|
| <b>Part Number</b>                      | 0805Y0500682KDT  | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>                   |
| <b>Description</b>                      | CAP CER 6800PF 50V X7R 0805                              | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant                      |
| <b>Quantity Available</b>               | 223833 pcs   | <b>Data sheet</b>                      | <a href="#">MLCC High Reliability Datasheet</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>                               | <b>Voltage - Rated</b>                 | 50V   |
| <b>Tolerance</b>                        | ±10%   | <b>Thickness (Max)</b>                 | 0.051" (1.30mm)                                 |
| <b>Temperature Coefficient</b>          | X7R  | <b>Size / Dimension</b>                | 0.079" L x 0.049" W (2.00mm x 1.25mm)           |
| <b>Series</b>                           | FlexiCap™  | <b>Ratings</b>                         | -   |
| <b>Packaging</b>                        | Tape & Reel (TR)   | <b>Package / Case</b>                  | 0805 (2012 Metric)                              |
| <b>Operating Temperature</b>            | -55°C ~ 125°C  | <b>Mounting Type</b>                   | Surface Mount, MLCC                             |
| <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)  | <b>Manufacturer Standard Lead Time</b> | 8 Weeks   |
| <b>Lead Style</b>                       | -  | <b>Lead Spacing</b>                    | -   |
| <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant                               | <b>Height - Seated (Max)</b>           | -   |
| <b>Features</b>                         | Soft Termination, High Temperature                       | <b>Failure Rate</b>                    | -   |
| <b>Detailed Description</b>             | 6800pF ±10% 50V Ceramic Capacitor X7R 0805 (2012 Metric) | <b>Capacitance</b>                     | 6800pF  |
| <b>Applications</b>                     | High Reliability, Boardflex Sensitive                    |  |   |

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|  | <b>Part#:</b> <a href="#">0805Y0500682MDT</a><br><b>Description:</b> CAP CER 6800PF 50V X7R 0805 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">0805Y0500682KDR</a><br><b>Description:</b> CAP CER 6800PF 50V X7R 0805 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">0805Y0500682KXT</a><br><b>Description:</b> CAP CER 0805                | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">0805Y0500682JDT</a><br><b>Description:</b> CAP CER 6800PF 50V X7R 0805 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">0805Y0500681MET</a><br><b>Description:</b> CAP CER 680PF 50V X7R 0805  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">0805Y0500681MXT</a><br><b>Description:</b> CAP CER 680PF 50V X7R 0805  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">0805Y0500682MET</a><br><b>Description:</b> CAP CER 6800PF 50V X7R 0805 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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