

1825Y4K00681JXT





**Part Number:** [1825Y4K00681JXT](#)

**Manufacturer** [Knowles Syfer](#)

**Description** CAP CER 680PF 4KV X7R 1825

**Data sheet:**  [MLCC Capacitor Datasheet](#)

 [MLCC Catalog](#)

**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                      | 1825Y4K00681JXT                                                      | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |       |
| Description                      | CAP CER 680PF 4KV X7R 1825                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |       |
| Quantity Available               | 62749 pcs                                                            | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |       |
| Category                         | <a href="#">Capacitors</a>                                           | Voltage - Rated                 | 4000V (4kV)                                                              |       |
| Tolerance                        | ±5%                                                                  | Thickness (Max)                 | 0.098" (2.50mm)                                                          |       |
| Temperature Coefficient          | X7R (2R1)                                                            | Size / Dimension                | 0.177" L x 0.252" W (4.50mm x 6.40mm)                                    |       |
| Series                           | FlexiCap™                                                            | Ratings                         | -                                                                        |       |
| Packaging                        | Tape & Reel (TR)                                                     | Package / Case                  | 1825 (4564 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                                                     | Failure Rate                    | -                                                                        |       |
| Detailed Description             | 680pF ±5% 4000V (4kV) Ceramic Capacitor X7R (2R1) 1825 (4564 Metric) |                                 | Capacitance                                                              | 680pF |
| Applications                     | Boardflex Sensitive                                                  |                                 |                                                                          |       |

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|  | Part#: <a href="#">1825Y4K00681MXT</a><br>Description: CAP CER 680PF 4KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00680FCT</a><br>Description: CAP CER 68PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00680JCR</a><br>Description: CAP CER 68PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00681KXR</a><br>Description: CAP CER 680PF 4KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00820GCR</a><br>Description: CAP CER 82PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1825Y4K00561MXT</a><br>Description: CAP CER 560PF 4KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00680KCR</a><br>Description: CAP CER 68PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00680KCT</a><br>Description: CAP CER 68PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00681MXR</a><br>Description: CAP CER 680PF 4KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00681JXR</a><br>Description: CAP CER 680PF 4KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00680JCT</a><br>Description: CAP CER 68PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1825Y4K00820JCT</a><br>Description: CAP CER 82PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1825Y4K00680GCR</a><br>Description: CAP CER 68PF 4KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1825Y4K00681KXT</a><br>Description: CAP CER 680PF 4KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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