

# 1825Y2500105KXT



**Part Number:** [1825Y2500105KXT](#)  
**Manufacturer:** [Knowles Syfer](#)  
**Description:** CAP CER 1UF 250V 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

|   |  |  |  |
|---|--|--|--|
| <b>Part Number</b>                      | 1825Y2500105KXT  | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>  |
| <b>Description</b>                      | CAP CER 1UF 250V X7R 1825                                    | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant   |
| <b>Quantity Available</b>               | 26348 pcs  | <b>Data sheet</b>                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>                                   | <b>Voltage - Rated</b>                 | 250V   |
| <b>Tolerance</b>                        | ±10%   | <b>Thickness (Max)</b>                 | 0.098" (2.50mm)  |
| <b>Temperature Coefficient</b>          | X7R (2R1)  | <b>Size / Dimension</b>                | 0.177" L x 0.252" W (4.50mm x 6.40mm)                                    |
| <b>Series</b>                           | FlexiCap™  | <b>Ratings</b>                         | -  |
| <b>Packaging</b>                        | Tape & Reel (TR)   | <b>Package / Case</b>                  | 1825 (4564 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   | <b>Failure Rate</b>                    | -  |
| <b>Detailed Description</b>             | 1µF ±10% 250V Ceramic Capacitor X7R (2R1) 1825 (4564 Metric) | <b>Capacitance</b>                     | 1µF  |
| <b>Applications</b>                     | Boardflex Sensitive  |  |  |

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## RELATED PRODUCTS

|  |   |   |                     |
|--|---|---|---------------------|
|  | <b>Part#:</b> <a href="#">1825Y2500120JCR</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500104JXR</a><br><b>Description:</b> CAP CER 0.1UF 250V X7R 1825    | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500105MXR</a><br><b>Description:</b> CAP CER 1UF 250V X7R 1825      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500105KXR</a><br><b>Description:</b> CAP CER 1UF 250V X7R 1825      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500104MXT</a><br><b>Description:</b> CAP CER 0.1UF 250V X7R 1825    | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500104KXR</a><br><b>Description:</b> CAP CER 1825                   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">1825Y2500105JXT</a><br><b>Description:</b> CAP CER 1UF 250V X7R 1825      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500120GCR</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500104MXR</a><br><b>Description:</b> CAP CER 0.1UF 250V X7R 1825    | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500120GCT</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500120KCT</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500120JCT</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500104KXT</a><br><b>Description:</b> CAP CER 0.1UF 250V X7R 1825    | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500120FCR</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> <a href="#">1825Y2500120FCT</a><br><b>Description:</b> CAP CER 12PF 250V C0G/NP0 1825 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1825Y2500103MXT</a><br><b>Description:</b> CAP CER 1000PF 250V X7R 1825   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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