

# 1808J2500822MDR



**Part Number:** 1808J2500822MDR  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 8200PF 250V X7R 1808  
**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

|   |   |  |   |
|---|---|--|---|
| <b>Part Number</b>                      | 1808J2500822MDR   | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>                   |
| <b>Description</b>                      | CAP CER 8200PF 250V X7R 1808                              | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant                      |
| <b>Quantity Available</b>               | 145281 pcs  | <b>Data sheet</b>                      | <a href="#">MLCC High Reliability Datasheet</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>                                | <b>Voltage - Rated</b>                 | 250V  |
| <b>Tolerance</b>                        | ±20%  | <b>Thickness (Max)</b>                 | 0.079" (2.00mm)                                 |
| <b>Temperature Coefficient</b>          | X7R   | <b>Size / Dimension</b>                | 0.177" L x 0.079" W (4.50mm x 2.00mm)           |
| <b>Series</b>                           | -   | <b>Ratings</b>                         | -   |
| <b>Packaging</b>                        | Tape & Reel (TR)  | <b>Package / Case</b>                  | 1808 (4520 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>                         | High Temperature  | <b>Failure Rate</b>                    | -   |
| <b>Detailed Description</b>             | 8200pF ±20% 250V Ceramic Capacitor X7R 1808 (4520 Metric) | <b>Capacitance</b>                     | 8200pF  |
| <b>Applications</b>                     | High Reliability  |  |   |

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## RELATED PRODUCTS

|  |  |   |                     |
|--|--|---|---------------------|
|  | <b>Part#:</b> <a href="#">1808J2500822KXT</a><br><b>Description:</b> CAP CER 1808                  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500822JXT</a><br><b>Description:</b> CAP CER 8200PF 250V X7R 1808  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500822MXR</a><br><b>Description:</b> CAP CER 8200PF 250V X7R 1808  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500823JXT</a><br><b>Description:</b> CAP CER 0.082UF 250V X7R 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500821MXT</a><br><b>Description:</b> CAP CER 820PF 250V X7R 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500822KDR</a><br><b>Description:</b> CAP CER 8200PF 250V X7R 1808  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500822MDT</a><br><b>Description:</b> CAP CER 8200PF 250V X7R 1808  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500823KDT</a><br><b>Description:</b> CAP CER 0.082UF 250V X7R 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500822JDR</a><br><b>Description:</b> CAP CER 8200PF 250V X7R 1808  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808J2500822JDT</a><br><b>Description:</b> CAP CER 8200PF 250V X7R 1808  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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