

# 1812J0250564JDR



**Part Number:** [1812J0250564JDR](#)  
**Manufacturer:** [Knowles Syfer](#)  
**Description:** CAP CER 0.56UF 25V X7R 1812  
**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>                      | 1812J0250564JDR   | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>                   |
| <b>Description</b>                      | CAP CER 0.56UF 25V X7R 1812                             | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant                      |
| <b>Quantity Available</b>               | 54192 pcs   | <b>Data sheet</b>                      | <a href="#">MLCC High Reliability Datasheet</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>                              | <b>Voltage - Rated</b>                 | 25V   |
| <b>Tolerance</b>                        | ±5%   | <b>Thickness (Max)</b>                 | 0.098" (2.50mm)                                 |
| <b>Temperature Coefficient</b>          | X7R   | <b>Size / Dimension</b>                | 0.177" L x 0.126" W (4.50mm x 3.20mm)           |
| <b>Series</b>                           | -   | <b>Ratings</b>                         | -   |
| <b>Packaging</b>                        | Tape & Reel (TR)  | <b>Package / Case</b>                  | 1812 (4532 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>             | 0.56µF ±5% 25V Ceramic Capacitor X7R 1812 (4532 Metric) | <b>Capacitance</b>                     | 0.56µF  |
| <b>Applications</b>                     | High Reliability  |  |   |

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## RELATED PRODUCTS

|  |   |   |                     |
|--|---|---|---------------------|
|  | <b>Part#:</b> <a href="#">1812J0250563KFR</a><br><b>Description:</b> CAP CER 0.056UF 25V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250563KFT</a><br><b>Description:</b> CAP CER 0.056UF 25V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250564MXR</a><br><b>Description:</b> CAP CER 0.56UF 25V X7R 1812      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250564JXR</a><br><b>Description:</b> CAP CER 0.56UF 25V X7R 1812      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250563KDT</a><br><b>Description:</b> CAP CER 0.056UF 25V X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250563MDR</a><br><b>Description:</b> CAP CER 0.056UF 25V X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250564MDR</a><br><b>Description:</b> CAP CER 0.56UF 25V X7R 1812      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250563KXT</a><br><b>Description:</b> CAP CER 0.056UF 25V X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250563MDT</a><br><b>Description:</b> CAP CER 0.056UF 25V X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250563KXR</a><br><b>Description:</b> CAP CER 0.056UF 25V X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J0250564KXR</a><br><b>Description:</b> CAP CER 0.56UF 25V X7R 1812      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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