

1812J0250185KDT





Part Number: 1812J0250185KDT

Manufacturer Knowles Syfer

Description CAP CER 1.8UF 25V X7R 1812

Data sheet:  [MLCC High Reliability Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

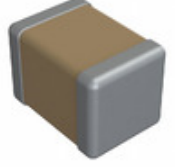
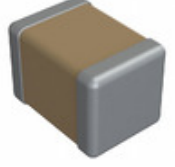
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812J0250185KDT                                         | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 1.8UF 25V X7R 1812                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 43482 pcs                                               | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                              | Voltage - Rated                 | 25V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±10%                                                    | Thickness (Max)                 | 0.098" (2.50mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | X7R                                                     | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                       | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                        | Package / Case                  | 1812 (4532 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | High Temperature                                        | Failure Rate                    | -                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.8µF ±10% 25V Ceramic Capacitor X7R 1812 (4532 Metric) | Capacitance                     | 1.8µF                                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | High Reliability                                        |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|  | Part#: <a href="#">1812J0250184MDR</a><br>Description: CAP CER 0.18UF 25V X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250220FCR</a><br>Description: CAP CER 22PF 25V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185KXR</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185JDT</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185MXT</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250184MXR</a><br>Description: CAP CER 0.18UF 25V X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185JDR</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1812J0250185JXR</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250184MXT</a><br>Description: CAP CER 0.18UF 25V X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185KXT</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185KDR</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250220FFR</a><br>Description: CAP CER 22PF 25V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185JXT</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250184KXT</a><br>Description: CAP CER 0.18UF 25V X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250220FCT</a><br>Description: CAP CER 22PF 25V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250184MDT</a><br>Description: CAP CER 0.18UF 25V X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185MDT</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250185MXR</a><br>Description: CAP CER 1.8UF 25V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812J0250220FFT</a><br>Description: CAP CER 22PF 25V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

| Related keywords for 1812J0250185KDT |                             |                          |                       |
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