

1812J0500125MDT





Part Number: 1812J0500125MDT

Manufacturer Knowles Syfer

Description CAP CER 1.2UF 50V 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                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812J0500125MDT                                         | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 1.2UF 50V X7R 1812                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60801 pcs                                               | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                              | Voltage - Rated                 | 50V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±20%                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.2µF ±20% 50V Ceramic Capacitor X7R 1812 (4532 Metric) | Capacitance                     | 1.2µF                                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | High Reliability                                        |                                 |                                                 |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
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|  | Part#: <a href="#">1812J0500150FFT</a><br>Description: CAP CER 15PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125KDR</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125KXR</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J0500125MDR</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J0500125MXT</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125JXT</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125KDT</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125KXT</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500124MXT</a><br>Description: CAP CER 0.12UF 50V X7R 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125JDT</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125JXR</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125MXR</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500150FFR</a><br>Description: CAP CER 15PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500125JDR</a><br>Description: CAP CER 1.2UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J0500150GAR</a><br>Description: CAP CER 15PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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