

1812Y0250182GFR





**Part Number:** 1812Y0250182GFR

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 1800PF 25V C0G/NP0 1812

**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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                              |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812Y0250182GFR                                              | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 1800PF 25V C0G/NP0 1812                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 46073 pcs                                                    | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                   | Voltage - Rated                 | 25V                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±2%                                                          | Thickness (Max)                 | 0.098" (2.50mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0G, NP0                                                     | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | Soft Termination                                             | Failure Rate                    | -                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1800pF ±2% 25V Ceramic Capacitor C0G, NP0 1812 (4532 Metric) | Capacitance                     | 1800pF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Boardflex Sensitive                                          |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">1812Y0250182GCR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182JFR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250183FCR</a><br>Description: CAP CER 0.018UF 25V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182KFT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182JFT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182GFT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182KCR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250181KCT</a><br>Description: CAP CER 180PF 25V C0G/NP0 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250181KFR</a><br>Description: CAP CER 180PF 25V C0G/NP0 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812Y0250182FFR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182JCR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182FCT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182FFT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182JCT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182KFR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182KCT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250181KFT</a><br>Description: CAP CER 180PF 25V C0G/NP0 1812   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182GCT</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0250182FCR</a><br>Description: CAP CER 1800PF 25V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

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