

# 1812J1000181FAR



**Part Number:** [1812J1000181FAR](#)  
**Manufacturer:** [Knowles Syfer](#)  
**Description:** CAP CER 180PF 100V C0G/NP0 1812  
**Data sheet:** [AEC-Q200 Automotive 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>                      | 1812J1000181FAR   | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>                 |
| <b>Description</b>                      | CAP CER 180PF 100V C0G/NP0 1812                                   | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant                    |
| <b>Quantity Available</b>               | 26174 pcs   | <b>Data sheet</b>                      | <a href="#">AEC-Q200 Automotive Datasheet</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>  | <b>Voltage - Rated</b>                 | 100V  |
| <b>Tolerance</b>                        | ±1%   | <b>Thickness (Max)</b>                 | 0.098" (2.50mm)                               |
| <b>Temperature Coefficient</b>          | C0G, NP0 (1B)   | <b>Size / Dimension</b>                | 0.177" L x 0.126" W (4.50mm x 3.20mm)         |
| <b>Series</b>                           | -   | <b>Ratings</b>                         | AEC-Q200                                      |
| <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> | 9 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>                         | -   | <b>Failure Rate</b>                    | -   |
| <b>Detailed Description</b>             | 180pF ±1% 100V Ceramic Capacitor C0G, NP0 (1B) 1812 (4532 Metric) | <b>Capacitance</b>                     | 180pF   |
| <b>Applications</b>                     | Automotive  |  |   |

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## RELATED PRODUCTS

|  |  |   |                     |
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|  | <b>Part#:</b> <a href="#">1812J1000181FCT</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180KAT</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181FFT</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180JCR</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181FFR</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181FAT</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180JCT</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181GAT</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180KFR</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180JFR</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181GCT</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180KFT</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180KAR</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180KCT</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181GFR</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181GAR</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180JFT</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000181GCR</a><br><b>Description:</b> CAP CER 180PF 100V C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1000180KCR</a><br><b>Description:</b> CAP CER 18PF 100V C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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