

1812Y1000682KAR





**Part Number:** 1812Y1000682KAR

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 6800PF 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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |                                 |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812Y1000682KAR                                                     | Manufacturer                    | <a href="#">Knowles Syfer</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 6800PF 100V C0G/NP0 1812                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 66857 pcs                                                           | Data sheet                      | <a href="#">AEC-Q200 Automotive Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                          | Voltage - Rated                 | 100V                                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±10%                                                                | Thickness (Max)                 | 0.098" (2.50mm)                               |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0G, NP0 (1B)                                                       | Size / Dimension                | 0.177" L x 0.126" W (4.50mm x 3.20mm)         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                           | Ratings                         | AEC-Q200                                      |
| 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 | 9 Weeks                                       |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                   | Lead Spacing                    | -                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                          | Height - Seated (Max)           | -                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                | Soft Termination                                                    | Failure Rate                    | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6800pF ±10% 100V Ceramic Capacitor C0G, NP0 (1B) 1812 (4532 Metric) | Capacitance                     | 6800pF                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive, Boardflex Sensitive                                     |                                 |                                               |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                              |                |
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|  | Part#: <a href="#">1812Y1000682KET</a><br>Description: CAP CER 6800PF 100V X7R 1812     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1812Y1000682KER</a><br>Description: CAP CER 6800PF 100V X7R 1812     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1812Y1000682JCR</a><br>Description: CAP CER 6800PF 100V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y1000682JXR</a><br>Description: CAP CER 6800PF 100V X7R 1812     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1812Y1000682JDR</a><br>Description: CAP CER 6800PF 100V X7R 1812     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1812Y1000682JER</a><br>Description: CAP CER 6800PF 100V X7R 1812     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1812Y1000682KDR</a><br>Description: CAP CER 6800PF 100V X7R 1812     | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

| Related keywords for 1812Y1000682KAR |                             |                          |                       |
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