

1812J0500180GAT



Part Number: 1812J0500180GAT

Manufacturer Knowles Syfer

Description CAP CER 18PF 50V 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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |                                 |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1812J0500180GAT                                                 | Manufacturer                    | <a href="#">Knowles Syfer</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 18PF 50V C0G/NP0 1812                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 39710 pcs                                                       | Data sheet                      | <a href="#">AEC-Q200 Automotive Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                      | Voltage - Rated                 | 50V                                           |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±2%                                                             | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                               | Failure Rate                    | -                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18pF ±2% 50V Ceramic Capacitor C0G, NP0 (1B) 1812 (4532 Metric) | Capacitance                     | 18pF                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive                                                      |                                 |                                               |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                              |                     |
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|  | Part#: <a href="#">1812J0500180GCT</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180GCR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180JAR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500155MXR</a><br>Description: CAP CER 1.5UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500155MDT</a><br>Description: CAP CER 1.5UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180FAT</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500155MXT</a><br>Description: CAP CER 1.5UF 50V X7R 1812    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180FCT</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180FFR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180JFT</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180GFR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J0500180GFT</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180FCR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812J0500180FAR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812J0500180GAR</a><br>Description: CAP CER 18PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

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