

1812Y0500681GAR



Part Number: 1812Y0500681GAR

Manufacturer Knowles Syfer

Description CAP CER 680PF 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                                                                                                                                                                                                                                                                                                                                                      | 1812Y0500681GAR                                                  | Manufacturer                    | <a href="#">Knowles Syfer</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                      | CAP CER 680PF 50V C0G/NP0 1812                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                               | 41981 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                                                                                                                                                                                                                                                                                                                                                           | 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                                                                                                                                                                                                                                                                                                                                             | 680pF ±2% 50V Ceramic Capacitor C0G, NP0 (1B) 1812 (4532 Metric) | Capacitance                     | 680pF                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                     | Automotive, Boardflex Sensitive                                  |                                 |                                               |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">1812Y0500681GCR</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681FCT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500680KFR</a><br>Description: CAP CER 68PF 50V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681JFR</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681GFT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681JCR</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681GCT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681GFR</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681FAT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812Y0500681GAT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681JAR</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681JAT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812Y0500680KCR</a><br>Description: CAP CER 68PF 50V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1812Y0500680KFT</a><br>Description: CAP CER 68PF 50V C0G/NP0 1812  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1812Y0500681JCT</a><br>Description: CAP CER 680PF 50V C0G/NP0 1812 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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| Related keywords for 1812Y0500681GAR |                             |                          |                       |
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