

1808J0100680GCR





**Part Number:** 1808J0100680GCR

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 68PF 10V C0G/NP0 1808

**Data sheet:**  [MLCC Capacitor Datasheet](#)  
 [MLCC Catalog](#)

**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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 |                                 |                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1808J0100680GCR                                                 | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 68PF 10V C0G/NP0 1808                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 116913 pcs                                                      | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                      | Voltage - Rated                 | 10V                                                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±2%                                                             | Thickness (Max)                 | 0.079" (2.00mm)                                                          |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0G, NP0 (1B)                                                   | Size / Dimension                | 0.177" L x 0.079" W (4.50mm x 2.00mm)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                               | Ratings                         | -                                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                | Package / Case                  | 1808 (4520 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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                               | Failure Rate                    | -                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 68pF ±2% 10V Ceramic Capacitor C0G, NP0 (1B) 1808 (4520 Metric) | Capacitance                     | 68pF                                                                     |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | General Purpose                                                 |                                 |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">1808J0100681GCR</a><br>Description: CAP CER 680PF 10V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100564KXT</a><br>Description: CAP CER 0.56UF 10V X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100564MXR</a><br>Description: CAP CER 0.56UF 10V X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100563MXT</a><br>Description: CAP CER 0.056UF 10V X7R 1808   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100564JXR</a><br>Description: CAP CER 0.56UF 10V X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100680GCT</a><br>Description: CAP CER 68PF 10V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100681FCT</a><br>Description: CAP CER 680PF 10V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100680FCT</a><br>Description: CAP CER 68PF 10V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100681FCR</a><br>Description: CAP CER 680PF 10V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100564MXT</a><br>Description: CAP CER 0.56UF 10V X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100564JXT</a><br>Description: CAP CER 0.56UF 10V X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100564KXR</a><br>Description: CAP CER 0.56UF 10V X7R 1808    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100680JCR</a><br>Description: CAP CER 68PF 10V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100680FCR</a><br>Description: CAP CER 68PF 10V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100680KCT</a><br>Description: CAP CER 68PF 10V C0G/NP0 1808  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100680JCT</a><br>Description: CAP CER 1808                   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100681GCT</a><br>Description: CAP CER 680PF 10V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">1808J0100681JCR</a><br>Description: CAP CER 680PF 10V C0G/NP0 1808 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">1808J0100563MXR</a><br>Description: CAP CER 0.056UF 10V X7R 1808   | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

| Related keywords for 1808J0100680GCR |                             |                          |                       |
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