

# 1812J1K20271GCT



**Part Number:** 1812J1K20271GCT  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 270PF 1.2KV C0G/NP0 1812  
**Data sheet:** [MLCC Capacitor Datasheet](#)  
[MLCC Catalog](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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## PRODUCT PARAMETER

|   |  |  |  |
|---|--|--|--|
| <b>Part Number</b>                      | 1812J1K20271GCT  | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>  |
| <b>Description</b>                      | CAP CER 270PF 1.2KV C0G/NP0 1812   | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant   |
| <b>Quantity Available</b>               | 69037 pcs  | <b>Data sheet</b>                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>   | <b>Voltage - Rated</b>                 | 1200V (1.2kV)  |
| <b>Tolerance</b>                        | ±2%  | <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>                         | -  |
| <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> | 8 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>             | 270pF ±2% 1200V (1.2kV) Ceramic Capacitor C0G, NP0 (1B) 1812 (4532 Metric) | <b>Capacitance</b>                     | 270pF  |
| <b>Applications</b>                     | General Purpose  |  |  |

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## RELATED PRODUCTS

|  |   |   |                     |
|--|---|---|---------------------|
|  | <b>Part#:</b> <a href="#">1812J1K20270JCT</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271GCR</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20270JCR</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271JCR</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271JXT</a><br><b>Description:</b> CAP CER 270PF 1.2KV X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20270FCT</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271FCR</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271MXT</a><br><b>Description:</b> CAP CER 270PF 1.2KV X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20270KCR</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271KCT</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271JXR</a><br><b>Description:</b> CAP CER 270PF 1.2KV X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271KXT</a><br><b>Description:</b> CAP CER 270PF 1.2KV X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271KCR</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20270GCT</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20270KCT</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271KXR</a><br><b>Description:</b> CAP CER 270PF 1.2KV X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271JCT</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271MXR</a><br><b>Description:</b> CAP CER 270PF 1.2KV X7R 1812     | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20271FCT</a><br><b>Description:</b> CAP CER 270PF 1.2KV C0G/NP0 1812 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1812J1K20270GCR</a><br><b>Description:</b> CAP CER 27PF 1.2KV C0G/NP0 1812  | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

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