

# 1808Y0168P20BCT



**Part Number:** 1808Y0168P20BCT  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 8.2PF 16V 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

|   |   |  |  |
|---|---|--|--|
| <b>Part Number</b>                      | 1808Y0168P20BCT   | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>  |
| <b>Description</b>                      | CAP CER 8.2PF 16V C0G/NP0 1808                                      | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant   |
| <b>Quantity Available</b>               | 82595 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>                 | 16V  |
| <b>Tolerance</b>                        | ±0.1pF  | <b>Thickness (Max)</b>                 | 0.079" (2.00mm)  |
| <b>Temperature Coefficient</b>          | C0G, NP0 (1B)   | <b>Size / Dimension</b>                | 0.177" L x 0.079" W (4.50mm x 2.00mm)                                    |
| <b>Series</b>                           | FlexiCap™   | <b>Ratings</b>                         | -  |
| <b>Packaging</b>                        | Tape & Reel (TR)  | <b>Package / Case</b>                  | 1808 (4520 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>                         | Soft Termination  | <b>Failure Rate</b>                    | -  |
| <b>Detailed Description</b>             | 8.2pF ±0.1pF 16V Ceramic Capacitor C0G, NP0 (1B) 1808 (4520 Metric) | <b>Capacitance</b>                     | 8.2pF  |
| <b>Applications</b>                     | Boardflex Sensitive   |  |  |

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## RELATED PRODUCTS

|  |  |   |                     |
|--|--|---|---------------------|
|  | <b>Part#:</b> 1808Y0168P20BCR<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0168P20CFT<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0168P20DCT<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0168P20CCR<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0166P80DCT<br>Description: CAP CER 6.8PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0168P20DFR<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0166P80DFR<br>Description: CAP CER 6.8PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0168P20BFT<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0166P80DCR<br>Description: CAP CER 6.8PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | <b>Part#:</b> 1808Y0168P20DCR<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> 1808Y0168P20CFR<br>Description: CAP CER 8.2PF 16V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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