

## 1808Y5008P20DFT



**Part Number:** 1808Y5008P20DFT  
**Manufacturer:** Knowles Syfer  
**Description:** CAP CER 8.2PF 500V C0G/NP0 1808  
**Data sheet:** [MLCC High Reliability Datasheet](#)

**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>                      | 1808Y5008P20DFT   | <b>Manufacturer</b>                    | <a href="#">Knowles Syfer</a>                   |
| <b>Description</b>                      | CAP CER 8.2PF 500V C0G/NP0 1808                                 | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant                      |
| <b>Quantity Available</b>               | 60835 pcs   | <b>Data sheet</b>                      | <a href="#">MLCC High Reliability Datasheet</a> |
| <b>Category</b>                         | <a href="#">Capacitors</a>                                      | <b>Voltage - Rated</b>                 | 500V  |
| <b>Tolerance</b>                        | ±0.5pF  | <b>Thickness (Max)</b>                 | 0.079" (2.00mm)                                 |
| <b>Temperature Coefficient</b>          | C0G, NP0  | <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, High Temperature                              | <b>Failure Rate</b>                    | -   |
| <b>Detailed Description</b>             | 8.2pF ±0.5pF 500V Ceramic Capacitor C0G, NP0 1808 (4520 Metric) | <b>Capacitance</b>                     | 8.2pF   |
| <b>Applications</b>                     | High Reliability, Boardflex Sensitive                           |  |   |

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### RELATED PRODUCTS

|  |  |   |                     |
|--|--|---|---------------------|
|  | <b>Part#:</b> <a href="#">1808Y5008P20BFR</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100FCR</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20CCT</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20CCR</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100JCR</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100FCT</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00101JXR</a><br><b>Description:</b> CAP CER 100PF 5KV X7R 1808      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100JCT</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20BCT</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100GCT</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20CFT</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20DCT</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20DCR</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20CFR</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20BFT</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100GCR</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00101JXT</a><br><b>Description:</b> CAP CER 100PF 5KV X7R 1808      | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100KCT</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5K00100KCR</a><br><b>Description:</b> CAP CER 10PF 5KV C0G/NP0 1808   | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">1808Y5008P20DFR</a><br><b>Description:</b> CAP CER 8.2PF 500V C0G/NP0 1808 | <b>Manufacturers:</b> <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

### Related keywords for 1808Y5008P20DFT

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