

1825Y6K00181KCT





Part Number: 1825Y6K00181KCT

Manufacturer Knowles Syfer

Description CAP CER 180PF 6KV C0G/NP0 1825

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                      | 1825Y6K00181KCT                                                           | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                      | CAP CER 180PF 6KV C0G/NP0 1825                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available               | 77462 pcs                                                                 | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                         | <a href="#">Capacitors</a>                                                | Voltage - Rated                 | 6000V (6kV)                                                              |
| Tolerance                        | ±10%                                                                      | Thickness (Max)                 | 0.098" (2.50mm)                                                          |
| Temperature Coefficient          | C0G, NP0 (1B)                                                             | Size / Dimension                | 0.177" L x 0.252" W (4.50mm x 6.40mm)                                    |
| Series                           | FlexiCap™                                                                 | Ratings                         | -                                                                        |
| Packaging                        | Tape & Reel (TR)                                                          | Package / Case                  | 1825 (4564 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                         | Soft Termination                                                          | Failure Rate                    | -                                                                        |
| Detailed Description             | 180pF ±10% 6000V (6kV) Ceramic Capacitor C0G, NP0 (1B) 1825 (4564 Metric) | Capacitance                     | 180pF                                                                    |
| Applications                     | Boardflex Sensitive                                                       |                                 |                                                                          |

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