

1825Y2K50121GCT





Part Number: 1825Y2K50121GCT

Manufacturer Knowles Syfer

Description CAP CER 120PF 2.5KV 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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |                                 |                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1825Y2K50121GCT                                                            | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 120PF 2.5KV C0G/NP0 1825                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 27692 pcs                                                                  | Data sheet                      | <a href="#">MLCC Capacitor Datasheet</a><br><a href="#">MLCC Catalog</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                                 | Voltage - Rated                 | 2500V (2.5kV)                                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±2%                                                                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                    | 120pF ±2% 2500V (2.5kV) Ceramic Capacitor C0G, NP0 (1B) 1825 (4564 Metric) | Capacitance                     | 120pF                                                                    |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Boardflex Sensitive                                                        |                                 |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                              |                |
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|  | Part#: <a href="#">1825Y2K50120JCT</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1825  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50120KCT</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1825  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1825Y2K50120KCR</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1825  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50121KCR</a><br>Description: CAP CER 120PF 2.5KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50122KXR</a><br>Description: CAP CER 1200PF 2.5KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50122JXR</a><br>Description: CAP CER 1200PF 2.5KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1825Y2K50122KXT</a><br>Description: CAP CER 1200PF 2.5KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50122JXT</a><br>Description: CAP CER 1200PF 2.5KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1825Y2K50120JCR</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1825  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1825Y2K50121KCT</a><br>Description: CAP CER 120PF 2.5KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50120GCR</a><br>Description: CAP CER 12PF 2.5KV C0G/NP0 1825  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50122MXT</a><br>Description: CAP CER 1200PF 2.5KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50122MXR</a><br>Description: CAP CER 1200PF 2.5KV X7R 1825    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1825Y2K50121JCR</a><br>Description: CAP CER 120PF 2.5KV C0G/NP0 1825 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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