

2225Y1K00561KDT





**Part Number:** 2225Y1K00561KDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 560PF 1KV X7R 2225

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                       |                                 |                                                 |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2225Y1K00561KDT                                                       | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CAP CER 560PF 1KV X7R 2225                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32672 pcs                                                             | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Capacitors</a>                                            | Voltage - Rated                 | 1000V (1kV)                                     |       |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ±10%                                                                  | Thickness (Max)                 | 0.098" (2.50mm)                                 |       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                             | X7R (2R1)                                                             | Size / Dimension                | 0.224" L x 0.248" W (5.70mm x 6.30mm)           |       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FlexiCap™                                                             | Ratings                         | -                                               |       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                                                      | Package / Case                  | 2225 (5763 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | 560pF ±10% 1000V (1kV) Ceramic Capacitor X7R (2R1) 2225 (5763 Metric) |                                 | Capacitance                                     | 560pF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                        | High Reliability, Boardflex Sensitive                                 |                                 |                                                 |       |
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|  | Part#: <a href="#">2225Y1K00561MXR</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561JFR</a><br>Description: CAP CER 560PF 1KV C0G/NP0 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561KXT</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">2225Y1K00561MDR</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561MXT</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561KFR</a><br>Description: CAP CER 560PF 1KV C0G/NP0 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561MDT</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561JDR</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561KCR</a><br>Description: CAP CER 560PF 1KV C0G/NP0 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561KDR</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561KCT</a><br>Description: CAP CER 560PF 1KV C0G/NP0 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00562FCT</a><br>Description: CAP CER 5600PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561JXT</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561KXR</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561JDT</a><br>Description: CAP CER 560PF 1KV X7R 2225      | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00561JCT</a><br>Description: CAP CER 560PF 1KV C0G/NP0 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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