

2225Y1K00272KDT





**Part Number:** 2225Y1K00272KDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 2700PF 1KV X7R 2225

**Data sheet:**  [MLCC High Reliability Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

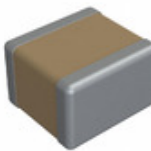
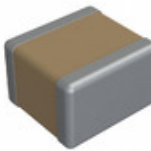
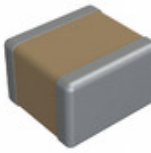
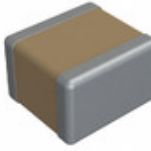
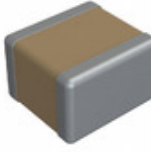
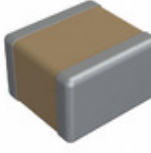
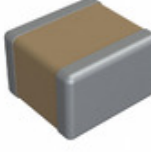
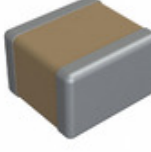
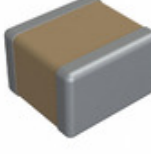
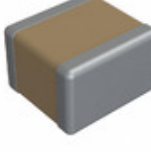
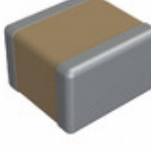
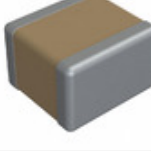
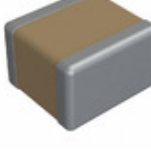
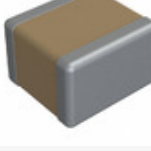
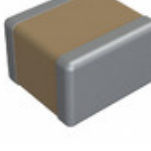
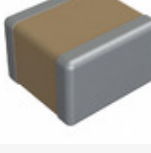
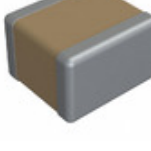
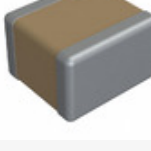
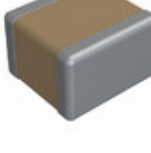
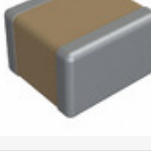
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2225Y1K00272KDT                                                        | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CAP CER 2700PF 1KV X7R 2225                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32249 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                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2700pF ±10% 1000V (1kV) Ceramic Capacitor X7R (2R1) 2225 (5763 Metric) |                                 | Capacitance                                     | 2700pF |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                               | High Reliability, Boardflex Sensitive                                  |                                 |                                                 |        |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">2225Y1K00272KCT</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JFT</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272KDR</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272MXT</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272KXT</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272KXR</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272MDR</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00273JDR</a><br>Description: CAP CER 0.027UF 1KV X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JXR</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272KCR</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00273JDT</a><br>Description: CAP CER 0.027UF 1KV X7R 2225    | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JXT</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272KFR</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JDT</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JFR</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272MDT</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272KFT</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JDR</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272JCT</a><br>Description: CAP CER 2700PF 1KV C0G/NP0 2225 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">2225Y1K00272MXR</a><br>Description: CAP CER 2700PF 1KV X7R 2225     | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |

| Related keywords for 2225Y1K00272KDT |                             |                          |                       |
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