

2225J0160824KDT





**Part Number:** 2225J0160824KDT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 0.82UF 16V 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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                                |                                 |                                                 |
|----------------------------------|----------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                      | 2225J0160824KDT                                                | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                      | CAP CER 0.82UF 16V X7R 2225                                    | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available               | 31770 pcs                                                      | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                         | <a href="#">Capacitors</a>                                     | Voltage - Rated                 | 16V                                             |
| 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                           | -                                                              | 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                         | -                                                              | Failure Rate                    | -                                               |
| Detailed Description             | 0.82µF ±10% 16V Ceramic Capacitor X7R (2R1) 2225 (5763 Metric) | Capacitance                     | 0.82µF                                          |
| Applications                     | High Reliability                                               |                                 |                                                 |

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|  | Part#: <a href="#">2225J0160823MXT</a><br>Description: CAP CER 0.082UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2225J0160824MDR</a><br>Description: CAP CER 0.82UF 16V X7R 2225   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2225J0160823MDT</a><br>Description: CAP CER 0.082UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">2225J0160824JXR</a><br>Description: CAP CER 0.82UF 16V X7R 2225   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2225J0160823MXR</a><br>Description: CAP CER 0.082UF 16V X7R 2225  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2225J0160824MXR</a><br>Description: CAP CER 0.82UF 16V X7R 2225   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2225J0160824KDR</a><br>Description: CAP CER 0.82UF 16V X7R 2225   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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