

1808J2K50821MXR





**Part Number:** 1808J2K50821MXR

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 820PF 2.5KV X7R 1808

**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                      | 1808J2K50821MXR                                                         | Manufacturer                    | <a href="#">Knowles Syfer</a>                                            |
| Description                      | CAP CER 820PF 2.5KV X7R 1808                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                               |
| Quantity Available               | 170816 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                        | ±20%                                                                    | Thickness (Max)                 | 0.079" (2.00mm)                                                          |
| Temperature Coefficient          | X7R (2R1)                                                               | Size / Dimension                | 0.177" L x 0.079" W (4.50mm x 2.00mm)                                    |
| Series                           | -                                                                       | Ratings                         | -                                                                        |
| Packaging                        | Tape & Reel (TR)                                                        | Package / Case                  | 1808 (4520 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             | 820pF ±20% 2500V (2.5kV) Ceramic Capacitor X7R (2R1) 1808 (4520 Metric) | Capacitance                     | 820pF                                                                    |
| Applications                     | General Purpose                                                         |                                 |                                                                          |

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