

2220J2500820GFR





**Part Number:** 2220J2500820GFR

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 82PF 250V C0G/NP0 2220

**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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                             |                                 |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2220J2500820GFR                                             | Manufacturer                    | <a href="#">Knowles Syfer</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 82PF 250V C0G/NP0 2220                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15964 pcs                                                   | Data sheet                      | <a href="#">MLCC High Reliability Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Capacitors</a>                                  | Voltage - Rated                 | 250V                                            |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±2%                                                         | Thickness (Max)                 | 0.098" (2.50mm)                                 |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0G, NP0                                                    | Size / Dimension                | 0.224" L x 0.197" W (5.70mm x 5.00mm)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                           | Ratings                         | -                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                            | Package / Case                  | 2220 (5750 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | High Temperature                                            | Failure Rate                    | -                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 82pF ±2% 250V Ceramic Capacitor C0G, NP0 2220 (5750 Metric) | Capacitance                     | 82pF                                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | High Reliability                                            |                                 |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|----------------|
|  | Part#: <a href="#">2220J2500820JCT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820JCR</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820FCT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820FFT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820FFR</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820JFR</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">2220J2500820GCT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820GFT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500684MXT</a><br>Description: CAP CER 0.68UF 250V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820FCR</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820KFT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820KCR</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820KCT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500821FCR</a><br>Description: CAP CER 820PF 250V C0G/NP0 2220 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500684MDR</a><br>Description: CAP CER 0.68UF 250V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820GCR</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500820JFT</a><br>Description: CAP CER 82PF 250V C0G/NP0 2220  | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500684MDT</a><br>Description: CAP CER 0.68UF 250V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2220J2500684MXR</a><br>Description: CAP CER 0.68UF 250V X7R 2220    | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

| Related keywords for 2220J2500820GFR |                             |                          |                       |
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